



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

### Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

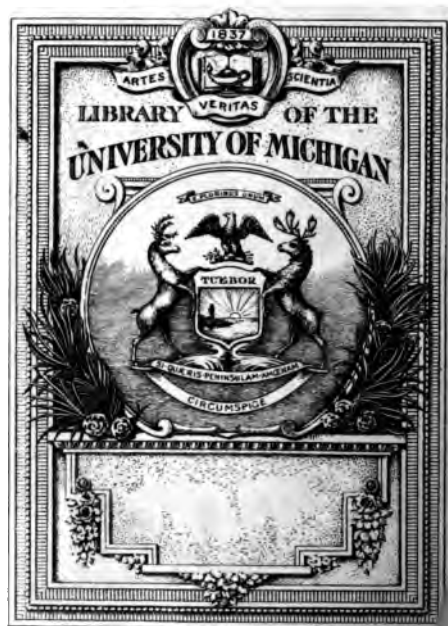
We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

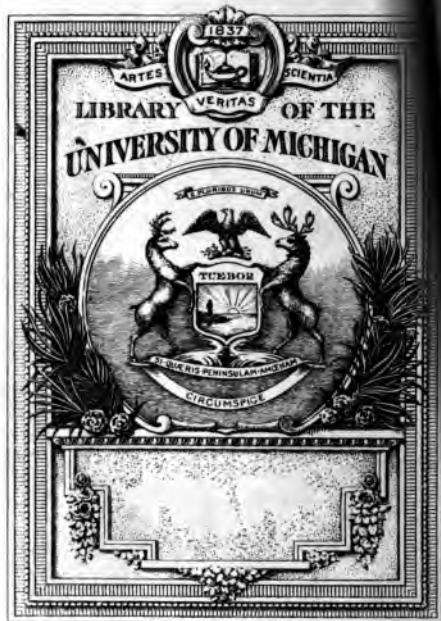
### About Google Book Search

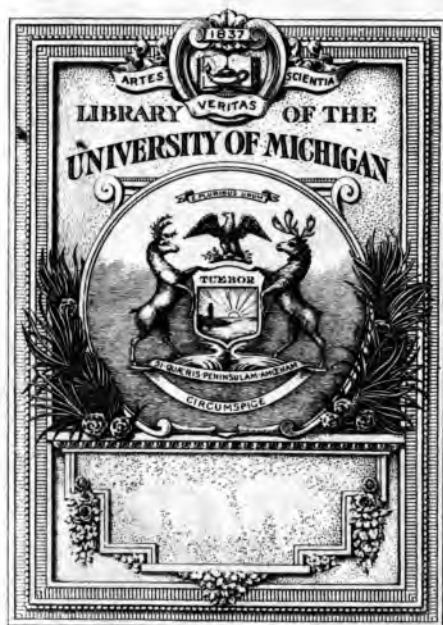
Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

**A** 478302 DUPL





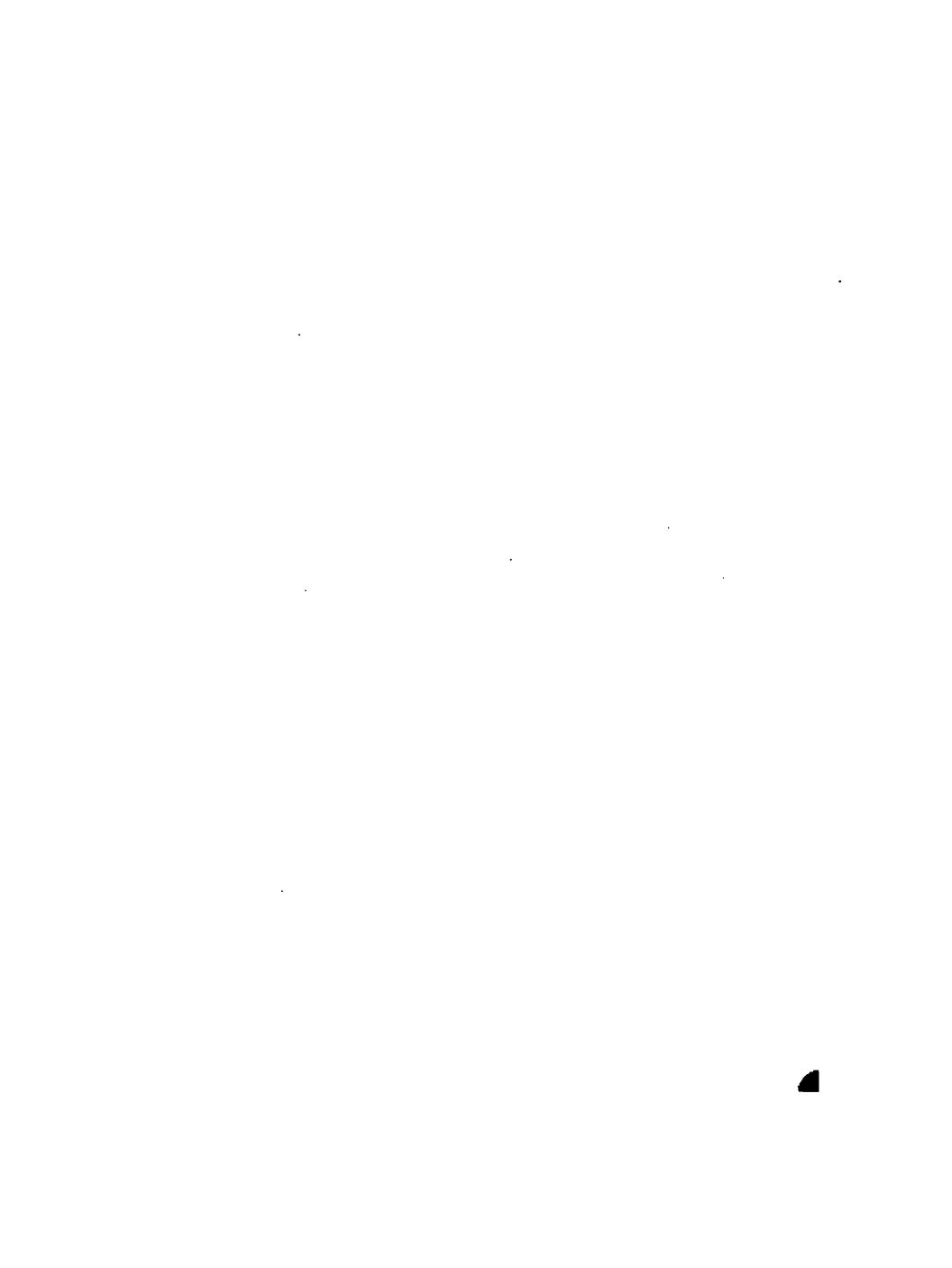






7







on

Edwin R. A. Se

ollander, Chairman





on

Edwin R. A. Se

ollander, Chairman





*Hand-Book*  
*of the*  
*American Economic*  
*Association.*

PUBLISHED BY  
THE AMERICAN ECONOMIC ASSOCIATION,  
DECEMBER, 1890.

HB

1

A512

H2

1890/91

---

*Press of  
Guggenheimer, Weil & Co.  
Baltimore, Md.*

---



# *Contents.*

---

	PAGE.
Brief Sketch of the Association, . . . . .	5
Branch Organizations, . . . . .	6
Prizes, . . . . .	7
Fellowships, . . . . .	9
Publication Fund, . . . . .	10
General Endowment Fund, . . . . .	10
Constitution, . . . . .	11
By-Laws, . . . . .	15
Resolutions, . . . . .	17
Officers, . . . . .	19
Council, . . . . .	20
Standing Committees, . . . . .	22
Officers of Branch Associations, . . . . .	24
Honorary Members, . . . . .	26
List of Members, . . . . .	27
Program of Fourth Annual Meeting, . . . . .	65
Announcement of Prizes, . . . . .	67
Publications and Agents, . . . . .	68
Notes, . . . . .	71
Advertisements, . . . . .	75



# *The American Economic Association.*

---

Five years of steady growth in usefulness and public favor has proved the wisdom of the formation of the American Economic Association, by showing that the want it was designed to meet was a real one.

The Association was organized on the 9th of September, 1885, at Saratoga, for two well defined, yet closely connected purposes. These were: first, the scientific study of social and economic problems; and, second, the diffusion of knowledge with regard to them.

In order to accomplish these ends, there was needed the co-operation not only of scientific men, but of all who were interested in political and social science. Accordingly, members were sought from all occupations. The gratifying result has been that men of all shades of opinion on social and economic questions, and drawn from nearly every department of social and business life, have

met at the annual meetings of the Association, for discussion and exchange of views.

The membership at present is nearly seven hundred. It is desired to increase it to at least a thousand. New ideas come with new members, and it is by the infusion of new blood that all such organizations are kept alive. Moreover, larger membership will also increase our revenues and enable us to extend our work into new fields.

The annual fee for membership is \$3; for life membership, \$25 to January 1st, 1891; after that, \$50. Members are entitled to all the publications of the Association without further charge.

Monographs on important topics have been issued since the start. Six numbers are published each year, and their great value may be inferred from the titles, as printed on page 68.

### *Branch Organizations.*

In January, 1886, several persons interested in the Association conceived the idea of forming a "Branch Association." The plan was carried into effect, and the result was "The Connecticut Valley Economic Association."

Branch Associations were subsequently formed at Buffalo, N. Y., Galesburg, Ill., Washington, D. C., Orange, N. J., Canton, O., and Austin, Tex. The members of these Branches meet regularly for study and discussion, and have occasional lectures

from economists of reputation. The annual membership fee is fixed at \$3, one-half of which is paid into the general treasury of the Association. They are entitled to the publications of the Association. Further information on this subject may be found in the Supplement to the Association publications. March, 1889 by E. W. Bemis, Ph. D.

### *Prizes.*

It is safe to say that no way has yet been devised to advance economic studies so effectively, and with so small an expenditure of money, as by the establishment of prizes to be offered by our Association. They provoke discussion and stimulate study in all of our Colleges and Universities, and awaken an interest outside of college walls. In course of time they will enable the public to compare intelligently the work done by our various institutions of learning, and this work will everywhere be further developed. In reading the biographies of literary men and scholars, it is often found that a prize contest has played an important part in their careers. An American writer has recently recorded the satisfaction with which he received a small prize while a young man, before he had gained a reputation. But while small sums have produced good effects, it is believed that the best results can be obtained by offering first and second prizes of at least \$300 and \$200, respectively.

It is, of course, not to be expected that economists of reputation will be induced to compete, by such offers; nor is it desirable that they should. For the purpose of prizes is to draw out the talent of those who yet have their reputations to make, and who may be influenced by such inducements to devote themselves to the work.

Five prizes have thus far been offered. A prize of \$150, presented by the journal "America," was awarded to Mr. Richard D. Lang, of Baltimore, for the best essay on "The Evils of Unrestricted Immigration."

Through the generosity of Mrs. John Armstrong Chanler (Amélie Rives) the Association was enabled to offer a prize of \$100 for the best essay on "Child Labor." This prize provoked a wide competition, and the committee of award, after a protracted discussion, divided the prize between Miss Clare de Graffenreid, of the Department of Labor, and Mr. W. F. Willoughby, both of Washington. Mr. Willoughby has since received an appointment in the Department of Labor.

In the fall of last year a prize of \$500 for the best essays on the subject of "*Women Wage-Earners*" was announced, the money to be awarded in two prizes, the first of \$300 and the second of \$200. Twenty-nine essays have been handed in, and the result will be announced early in January, 1891.

Thomas G. Shearman, Esq., of Brooklyn, has offered \$250 for the best essay on "*State and Local*

*Taxation in the United States.*" Eleven essays have been handed in for this competition.

The Association has the further good fortune to have had subscribed the sum of \$500 for prizes for essays on "*The Housing of the Poor in Cities.*" This sum is offered in two prizes, a first of \$300 and a second of \$200. [See page 67.]

Similar sums are desired for prize essays on these subjects: Accidents to *Employees of Steam Railways in the United States*; *Economic Aspects of Patents*; *Historical and Critical Sketches of Taxation*, in any one of our Commonwealths; and also on separate taxes, as *Income Taxes*, *Taxation of Inheritances and Bequests*; *Economic Aspects of Forestry*; *Natural Monopolies*; *the Silver Question*; *the Normal Working Day*; *Factory Legislation*; *Rent in the United States*; etc.

Closely connected with the subject of prizes, as a stimulus to economic research, is that of

### *Fellowships.*

Fellowships, to be awarded by the Association to the graduates of American colleges for good work in social and economic lines, would be very desirable. The Fellows would be expected to devote themselves to study and to make reports of progress to the President of the Association. But they would be allowed to study wherever they might wish, either at home or abroad. This would

still further test the quality of the work done in political and social sciences by our various colleges and universities, and would encourage good work, as each institution would be glad to receive fellows free to study where they pleased.

### *Publication Fund.*

By such means,\* and by the establishment of a *Publication Fund*, the work of the Association could be expanded advantageously. A publication fund would allow us to reprint valuable documents and publish treatises of high scientific value, for which the market is too limited to render them commercially profitable. Such a fund would also enable us to distribute our publications more widely.

### *General Endowment Fund.*

A general endowment fund is desirable to establish the work of the Association on a still firmer basis, to improve the quality of the work by defraying expenses for investigation, by the establishment of a permanent headquarters with library, etc. With a comparatively small sum much could be accomplished for the development of economics in this country, and thus for the promotion of good citizenship.





# *Constitution.*

---

## ARTICLE I.

### NAME.

This Society shall be known as the AMERICAN  
ECONOMIC ASSOCIATION.

---

## ARTICLE II.

### OBJECTS.

1. The encouragement of economic research, especially the historical and statistical study of the actual conditions of industrial life.
2. The publication of economic monographs.
3. The encouragement of perfect freedom of economic discussion. The Association, as such, will take no partisan attitude, nor will it commit its members to any position on practical economic questions.
4. The establishment of a bureau of information designed to aid members in their economic studies.

---

NOTE.—Each member shall be entitled to receive all reports and publications of the Association.

## ARTICLE III.

## MEMBERSHIP.

Any person may become a member of this Association by paying three dollars, and after the first year may continue a member by paying an annual fee of three dollars. On payment of twenty-five<sup>1</sup> dollars any person may become a life member, exempt from annual dues.

---

## ARTICLE IV.

## HONORARY MEMBERS.

The Council may elect foreign economists of distinction, not exceeding twenty-five in number, honorary members of the Association. Each honorary member shall be entitled to receive all reports and publications of the Association.

---

## ARTICLE V.

## OFFICERS.

The officers of the Society shall consist of a President, three Vice-Presidents, a Secretary, a Treasurer and a Council.

---

<sup>1</sup>The Executive Committee has recommended that the life-membership fee shall be fifty dollars, after January 1st, 1891.

## ARTICLE VI.

## COUNCIL.

1. The Council shall consist of an indefinite number of members of the Society chosen, with the exception of the original members, for three years. It shall have power to fill all vacancies in its membership, and may add to its number.

2. It shall elect the President, Vice-Presidents, Secretary and Treasurer, which officers shall constitute an executive committee with such power as the Council may entrust to it.

3. The Council shall organize itself into a number of standing committees upon the various lines of research undertaken. These committees shall prepare reports from time to time upon such subjects relating to their respective departments as they may select, or as may be referred to them by the Council. These reports shall be presented to the Council at its regular or special meetings and be open to discussion. All papers offered to the Society shall be referred to the appropriate committees before being read in the Council.

4. The Council shall have charge of the general interests of the Society, and shall have power to call meetings and determine what reports, papers or discussions are to be printed, and may adopt any rules or regulations for the conduct of its business not inconsistent with this constitution.

## ARTICLE VII.

## AMENDMENTS.

Amendments, after having been approved by a majority of the Council, may be adopted by a majority vote of the members present at any regular meeting of the Association.

## *By-Laws.*

---

I. The President of the Association who shall be *ex-officio* a member of the Council shall preside at all meetings of the Council and Association, and perform such other duties as may be assigned to him by the Council. In case of inability to perform his duties they shall devolve upon the Vice-Presidents in the order of their election, upon the Secretary and Treasurer, and upon the Chairmen of the Standing Committees, in the order in which the committees are mentioned in the list.

II. The Secretary shall keep the records of the Association, and perform such other duties as the Council may assign to him.

III. The Treasurer shall receive and have the custody of the funds of the Association, subject to the rules of the Council.

IV. The following Standing Committees shall be organized:

- (1). On Labor.
- (2). On Transportation.
- (3). On Trade.
- (4). On Public Finance.
- (5). On Industrial and Technical Education.
- (6). On Exchange.

- (7). On General Questions of Economic Theory.
- (8). On Statistics.
- (9). On Teaching Political Economy.

The Executive Committee may appoint such special committees as it may deem best.

V. At any meeting called by the general summons of the President, five members shall constitute a quorum.

VI. Papers offered for the consideration of the Council shall be referred by the Secretary, each to its appropriate Committee.

VII. In order to encourage economic research, the Association proposes to render pecuniary assistance in the prosecution of the same, and to offer prizes for the best monographs upon selected topics. It stands ready to accept and administer any fund placed at its disposal for either purpose.

VIII. The Executive Committee shall have power at any time to add new members to the Council.

IX. The Executive Committee shall assign all members of the Council to one of the Standing Committees, and shall appoint the chairmen of the committees.

X. It shall be the duty of the Chairmen of the respective committees to organize and direct the work of the same, under the general control of the council.

## *Resolutions.*<sup>1</sup>

---

I. The Executive Committee is authorized to take, during the coming year, any action not inconsistent with the rules of the Council, which may be deemed necessary to further the interests of the Association.

II. The following topics are suggested to the Chairmen of the Standing Committees as proper subjects for reports:

- (1). Effect of Half-Time Working on the Laborer.
- (2). The Normal Working Day.
- (3). Employment of Women in Factories.
- (4). Municipal Finance.
- (5). The Income from Public Works in Cities.
- (6). Rent in the United States.
- (7). National Rail-Road Commission.
- (8). Limitation of Suffrage as a Remedy for Abuses in Local Administration.
- (9). Effect of Transportation on the Laborer.
- (10). The Silver Question.

---

<sup>1</sup>These resolutions were adopted at the organization of the Association in September, 1885.

III. The Secretary shall prepare a special copy of the Constitution, By-Laws and Resolutions, together with a brief account of the organization of the Association, which, upon being approved by the Executive Committee, shall be printed, together with a list of members. This report shall be sent to all members of the Association, and to such other persons as the Executive Committee shall deem advisable, with the invitation to become members.

IV. The Executive Committee shall determine the time and place of meeting.

V. During the year ending September 1st, 1886, the Executive Committee may order, by unanimous vote, the publication of any papers or reports which they shall judge calculated to further the purposes of the Association, and may draw upon the Treasurer for the required funds, provided that no debt be contracted.

VI. The Executive Committee shall procure Articles of incorporation for the Association and Council.



## *Officers.*

---

*President*, FRANCIS A. WALKER, LL. D.,  
Massachusetts Institute of Technology.

*First Vice-President*, HENRY C. ADAMS, Ph. D.,  
University of Michigan and Cornell University.

*Second Vice-President*, EDMUND J. JAMES, Ph. D.,  
University of Pennsylvania.

*Third Vice-President*, JOHN B. CLARK, A. M.,  
Smith College.

*Secretary*, RICHARD T. ELY, Ph. D.,  
Johns Hopkins University; address Johns Hop-  
kins University, Baltimore, Md.

*Treasurer*, EDWIN R. A. SELIGMAN, Ph. D.,  
Columbia College; address 58 West 71st Street,  
New York.

## *Council.*

---

### *Term of office expires in 1889.*

Prof. E. W. BEMIS, Vanderbilt University.  
Pres't E. BENJAMIN ANDREWS, Brown University.  
Prof. ARTHUR YAGER, Georgetown, Ky.  
Prof. G. B. NEWCOMB, College of City of New York.  
Prof. EDWIN R. A. SELIGMAN, Columbia College.  
Prof. GEORGE W. KNIGHT, Ohio State University.  
Prof. DAVIS R. DEWEY, Massachusetts Institute of  
Technology.  
Prof. J. W. JENKS, University of Indiana.  
Prof. W. W. FOLWELL, University of Minnesota.  
Mr. SIMON STERNE, New York, N. Y.  
Mr. T. G. SHEARMAN, Brooklyn, N. Y.  
Dr. STUART WOOD, Philadelphia, Pa.  
Mr. GEORGE A. DENISON, Springfield, Mass.

### *Term of office expires in 1890.*

Rev. Dr. WASHINGTON GLADDEN, Columbus, Ohio.  
Prof. JOHN B. CLARK, Smith College.  
Prof. HENRY C. ADAMS, Michigan University.  
Prof. KATHERINE COMAN, Wellesley College, Wellesley, Mass.  
Hon. CARROLL D. WRIGHT, Chief of U. S. Bureau of Labor Statistics, Washington, D. C.  
Rev. Dr. G. M. STEELE, Principal Wesleyan Academy, Wilbraham, Mass.  
Prof. JAMES H. CANFIELD, University of Kansas, Lawrence, Kan.

Prof. A. D. MORSE, Amherst<sup>1</sup> College, Amherst,  
Mass.

Hon. JOSEPH D. WEEKS, Pittsburg, Pa.

Prof. CHARLES F. DUNBAR, Harvard University.

Prof. SIMON N. PATTEN, University of Pa., Phila-  
delphia, Pa.

Prof. A. G. WARNER, University of Nebraska, Lin-  
coln, Neb.

Prof. W. J. ASHLEY, University of Toronto, Toronto,  
Canada.

*Term of office expires in 1891.*

Prof. LESTER F. WARD, Washington, D. C.

President WILLIAM DE WITT HYDE, Bowdoin Col-  
lege, Brunswick, Maine.

Prof. H. B. GARDNER, Brown University, Provi-  
dence, R. I.

Prof. ALEXANDER JOHNSTON, College of N. J.,  
Princeton.

Prof. RICHARD T. ELY, Johns Hopkins University.

Prof. E. J. JAMES, University of Pa., Philadelphia.

Prof. F. W. TAUSSIG, Harvard University.

Prof. JESSE MACY, Iowa College, Grinnell.

President C. K. ADAMS, Cornell University.

Dr. ALBERT SHAW, *Minneapolis Tribune*.

Prof. RICHMOND M. SMITH, Columbia College.

Mr. WORTHINGTON C. FORD, Department of State,  
Washington, D. C.

Prof. F. H. GIDDINGS, Bryn Mawr College, Bryn  
Mawr, Pa.

## *Standing Committees.*

---

### *On Labor.*

Prof. RICHARD T. ELY, Chairman.  
Hon. CARROLL D. WRIGHT.  
Prof. E. R. A. SELIGMAN.  
Prof. KATHERINE COMAN.  
Dr. ALBERT SHAW.

### *On Transportation.*

Prof. E. J. JAMES, Chairman.  
Prof. J. W. JENKS.

### *On Trade.*

Prof. JAMES H. CANFIELD, Chairman.  
Prof. JESSE MACY.  
Dr. ALBERT SHAW.  
Prof. W. W. FOLWELL.

### *On Public Finance.*

Prof. HENRY C. ADAMS, Chairman.  
Prof. ARTHUR YEAGER.  
Prof. GEORGE W. KNIGHT.  
Prof. DAVIS R. DEWEY.

### *On Exchange.*

Pres't E. B. ANDREWS, Chairman.  
Prof. DAVIS R. DEWEY.  
Hon. S. DANA HORTON.  
Prof. H. B. GARDNER.  
Mr. W. C. FISHER.

---

*On Questions of Economic Theory.*

Prof. J. B. CLARKE, Chairman.

Prof. A. D. MORSE.

Prof. SIMON N. PATTEN.

Rev. Dr. G. M. STEELE.

Prof. G. B. NEWCOMB.

Prof. F. H. GIDDINGS.

Prof. W. W. FOLWELL.

Prof. CHARLES A. TUTTLE.

Mr. GEORGE GUNTON.

Dr. STUART WOOD.

*On Statistics.*

Hon. CALLOLL D. WRIGHT, Chairman.

Prof. RICHMOND M. SMITH.

Dr. E. R. L. GOULD.

*On Industrial and Technical Education.*

Gen. F. A. WALKER, Chairman.

Prof. N. M. BUTLER.

Prof. J. McALLISTER.

Prof. SIMON N. PATTEN.

*On Teaching Political Economy.*

Prof. SIMON N. PATTEN.

Prof. W. W. FOLWELL.

Prof. J. W. JENKS.

## *Branch Associations.*

---

### *OFFICERS OF CONNECTICUT VALLEY BRANCH.*

---

Prof. J. B. CLARKE, *President*,  
Smith College, Northampton, Massachusetts.  
Rev. Dr. G. M. STEELE, *First Vice-President*,  
Wilbraham, Massachusetts.  
Prof. C. S. WALKER, *Second Vice-President*,  
Amherst, Massachusetts.  
Mr. GEORGE A. DENISON, *Secretary-Treasurer*,  
Springfield, Massachusetts.

Members of Council in addition to the above:

E. W. SEEGER, Esq.  
C. H. BARROWS, Esq.

### *OFFICERS OF BUFFALO (N. Y.) BRANCH.*

---

Hon. GEORGE CLINTON, *President*,  
24 West Seneca Street, Buffalo, N. Y.  
C. B. MATTHEWS, Esq., *First Vice-President*,  
309 West Ave., Buffalo, N. Y.  
E. L. PARKER, Esq., *Second Vice-President*,  
Austin Building, Buffalo, N. Y.  
Dr. H. A. BIRDSALL, *Secretary-Treasurer*,  
680 Main Street, Buffalo, N. Y.

Members of Council in addition to the above:

A. STRASSER, Esq.  
J. N. LARNED, Esq.  
F. J. SHEPARD, Esq.

---

*OFFICERS OF WASHINGTON (D. C.) BRANCH.*

---

Hon. CARROLL D. WRIGHT, *President*,  
Department of Labor, Washington, D. C.  
E. T. PETERS, Esq., *Vice-President*,  
Washington, D. C.  
JOHN B. DAISH, Esq., *Secretary-Treasurer*,  
D Street, cor. North Capitol, N. E., Washington, D. C.  
Members of Council in addition to the above:  
ALBERT JONAS, Esq.  
W. F. WILLOUGHBY, Esq.

---

*OFFICERS OF CANTON (OHIO) BRANCH.*

---

Judge J. W. UNDERHILL, *President*,  
South Market Street, Canton, Ohio.  
A. MCGREGOR, Esq., *Vice-President*,  
169 North Walnut Street, Canton, Ohio.  
Rev. HOWARD MACQUEARY, *Secretary-Treasurer*,  
Canton, Ohio.

---

*OFFICERS OF AUSTIN (TEXAS) BRANCH.*

---

A. P. WOOLDRIDGE, Esq., *President*,  
Austin, Texas.  
Dr. E. B. WRIGHT, *Vice-President*,  
Austin, Texas.  
Prof. GEO. P. GARRISON, *Secretary-Treasurer*,  
University of Texas, Austin, Texas.

## *Honorary Members.*

---

Prof. ALFRED MARSHALL, University of Cambridge,  
Cambridge, England.

Prof. JAMES E. THOROLD ROGERS, Worcester Col-  
lege, Oxford, England.<sup>1</sup>

Prof. HENRY SIDGWICK, University of Cambridge,  
Cambridge, England.

Prof. PAUL LEROY-BEAULIEU, Collège de France,  
Paris, France.

Prof. ÉMILE DE LAVELEYE, University of Liège,  
Liège, Belgium.

Prof. LUIGI COSSA, University of Pavia, Pavia, Italy.

Prof. F. X. VON NEUMANN-SPALLART, University  
of Vienna, Austria.<sup>2</sup>

Prof. CARL KNIES, University of Heidelberg, Hei-  
delberg, Germany.

Prof. WILHELM ROSCHER, University of Leipzig,  
Leipzig, Germany.

Prof. ADOLPH WAGNER, University of Berlin, Ber-  
lin, Germany.

Prof. JOHANNES CONRAD, University of Halle,  
Halle a/s, Germany.

Prof. LUIGI BODIO, Rome, Italy.

---

<sup>1</sup>Died April 13, 1890.

<sup>2</sup>Died April 19, 1888.



## *List of Members.*

---

\*Life Members. †Subscribers. ‡Members of Connecticut Valley Branch. | Members of Buffalo (N. Y.) Branch. ¶Members of Washington (D. C.) Branch. §Members of Canton (O.) Branch. ♂Members of Austin (Texas) Branch. °Honorary Members.

ABBOTT, Rev. Dr. LYMAN, Editor of the *Christian Union*, 30 Lafayette Place, New York.

¶ADAMS, CHAS. FREDERICK, Esq., 2433 K st, Washington, D. C.

ADAMS, CHARLES KENDALL, LL. D., President of Cornell University, Ithaca, N. Y.

ADAMS, E. Q., Esq., 350 South West st., Galesburg, Ill.

ADAMS, Prof. HENRY C., Ph. D., Michigan University, Ann Arbor, Mich.

ADAMS, Prof. HERBERT B., Ph. D., Johns Hopkins University, Baltimore, Md.

ADLER, Prof. FELIX, 109 W. 54th st., New York City.

ALLEN, GEORGE H. H., Esq., New Bedford, Mass.

ALLEN, Prof. JOHN G., Principal of Rochester Free Academy, Rochester, N. Y.

†ALLEN, LOUIS H., Esq., Buffalo, N. Y.

†ALLEN, WILLIAM F., Esq., South Orange, N. J.

†AMHERST COLLEGE LIBRARY, Amherst, Mass.

- 
- AMMIDOWN, EDWARD H., Esq., 27 W. 42nd st.,  
New York City.
- ANDREWS, E. B., LL. D., President of Brown Uni-  
versity, Providence, R. I.
- ¶ANGELL, S. H., Esq., 809 21st st., Washington, D. C.
- ARMSTRONG, CHAS. M., Esq., 12 E. Fayette st.,  
Baltimore, Md.
- \*ARMSTRONG, H. C., Jr., Esq., Auburn, Ala.
- ASHLEY, Prof. W. J., A. M., 29 Harbord st.,  
Toronto, Canada.
- †ASTOR LIBRARY, New York City.
- ATHERTON, G. W., President State College, Center  
Co., Pa.
- BAILEY, W. F., Esq., N. Seminary st., Galesburg,  
Ill.
- BAKER, M. N., Esq., Associate Editor of *Engi-  
neering News*, Tribune Building, New York.
- \*BALDWIN, SUMMERFIELD, Esq., 1006 Charles st.,  
Baltimore, Md.
- \*BALDWIN, W. H., Jr., Esq., Omaha, Neb.
- ‡BALLIET, T. M., Supt. of Schools, Springfield, Mass.
- ‖BANCROFT, Miss C. E., 90 Niagara St., Buffalo, N. Y.
- BANCROFT, E. A., Esq., 311 W. South st., Gales-  
burg, Ill.
- \*BANCROFT, Miss JANE M., 629 Lexington ave., New  
York City.
- BARNES, W. E., Editor of *Age of Steel*, St. Louis,  
Mo.
- ‡BARROWS, CHARLES H., Esq., Springfield, Mass.

- BARTON, Prof. H. J., Principal of High School Department, Illinois State Normal School, Normal, Ill.
- ¶BARUS, Mrs. ANNIE H., 1239 32nd st., Washington, D. C.
- BATCHELLER, Mrs. A. H., 288 Commonwealth ave., Boston, Mass.
- BATCHELLER, ROBERT, Esq., N. Brookfield, Mass.
- \*BATTERSON, JAMES G., Esq., Prest. Travelers Insurance Co., Hartford, Conn.
- §BAXTER, J. A., Esq., 18 E. 9th st., Canton, Ohio.
- BEAVER, DANIEL B. D., M. D., 150 N. 6th st., Reading, Pa.
- BEERS, Rev. R. W., Waterford, Saratoga Co., N. Y.
- †BEMIS, Prof. EDWARD W., Ph. D., Vanderbilt University, Nashville, Tenn.
- †BERG, JOSEPH L., Esq., East Orange, N. J.
- BERGEY, D. H., Esq., North Wales, Pa.
- BERNHEIM, ABRAHAM C., Esq., 12 E. 65th st., New York City.
- BIGLER, WARREN, Esq., Wabash, Ind.
- BILGRAM, HUGO, Esq., N. W. cor. 12th and Noble sts., Philadelphia, Pa.
- †BILL, CHARLES, Esq., Springfield, Mass.
- †BILQUIST, CARL, Esq., 45 William st., New York City.
- [BIRDSALL, Dr. H. A., 680 Main st., Buffalo, N. Y.
- \*BIXBY, Capt. W. H., Corps of Engineers, U. S. A., United States Engineer's Office, Wilmington, N. C.

- 
- BLACKMAR, Prof. F. W., Ph. D., Kansas State University, Lawrence, Kansas.
- BLACKWELL, Miss FRANCES W., 120 Franklin st., Astoria, N. Y.
- BLAIR, THOMAS S., Esq., Huntingdon Furnace, Spruce Creek P. O., Pa.
- BLANCHARD, Rev. HENRY, Portland, Maine.
- †BLELOCH, GEORGE H., Esq., President National Needle Co., Springfield, Mass.
- †BLISS, Rev. W. D. P., 36 Bromfield st., Boston, Mass.
- ¶BLOUNT, HENRY F., Esq., University Park, Washington, D. C.
- BLUE, Hon. A., Deputy Minister of Agriculture, Toronto, Canada.
- BLUMENTHAL, GUSTAVE, Esq., 25 E. 77th st., New York City.
- °BODIO, Prof. LUIGI, Rome, Italy.
- BOCOCK, W. KEMPER, Esq., 41 E. 29th st., New York City.
- BOLLES, Prof. A. S., Chief of Bureau of Industrial Statistics, Harrisburg, Pa.
- ‡BOND, Mrs. MARY W., Florence, Mass.
- ‡BOSTON ATHENÆUM, Beacon st., Boston, Mass.
- \*BOWEN, CLARENCE W., Ph. D., (*The Independent*), 251 Broadway, New York City.
- ¶BOWEN, P. F., Esq., Fourth Auditor's Office, Washington, D. C.
- BOWKER, R. R., Esq., *Publisher's Weekly*, 31 and 32 Park Row (P. O. Box 943), New York City.

- BOYER, J. E., Esq., 42 W. 47th st., New York City.  
BOYNTON, GEORGE E., Esq., Johns Hopkins University, Baltimore, Md.  
BRACKETT, JEFFREY R., Ph. D., 106 W. North ave., Baltimore, Md.  
BRADSHAW, Rev. J. W., Ann Arbor, Mich.  
¶BRECKENRIDGE, Miss S. P., High School, Washington, D. C.  
BRED, W. J., Esq., 128 Pike st., Cincinnati, Ohio.  
BRETT, W. H., Esq., Librarian of Public Library, Cleveland, Ohio.  
BRONSON, Rev. E. E., Marlborough, N. Y.  
†BROOKLYN LIBRARY, Montague st., Brooklyn, N. Y.  
†BROOKINGS, E., Esq., Springfield, Mass.  
BROOKS, Rev. JOHN G., Brockton, Mass.  
\*BROUGH, WILLIAM, Esq., care Paragon Refining Co., Toledo, Ohio.  
BROWN, E. C., Esq., Editor of *Progressive Age* (Newspaper Box 164), New York City.  
BROWN, Rev. T. EDWIN, D. D., 1435 N. 16th st., Philadelphia, Pa.  
ΦBROWN, W. M., Esq., Austin, Texas.  
ΦBRYANT, I. H., Esq., Austin, Texas.  
†BRYN MAWR COLLEGE LIBRARY, Bryn Mawr, Pa.  
†BUFFALO LIBRARY, Buffalo, N. Y.  
†BUREAU OF EDUCATION, Washington, D. C.  
†BUREAU OF STATISTICS OF LABOR AND INDUSTRIES (James Bishop, Chief), Trenton, N. J.  
BURNHAM, GEORGE JR., Esq., 214 N. 34th st., Philadelphia, Pa.

- BUTLER, Prof. NICHOLAS M., Ph. D., Columbia College, New York City.
- [COBB, OSCAR, Esq., 37 Church st., Buffalo, N. Y.
- CALDWELL, Prof. H. W., University of Nebraska, 2400 Lynn st., Lincoln, Neb.
- †CALIFORNIA STATE LIBRARY, Sacramento, Cal.
- CALMAN, DAVID, Ph. D., 332 W. 56th st., New York City.
- CALMAN, GUSTAVE B., Esq., 332 W. 56th st., New York City.
- CAMPBELL, Mrs. HELEN, 135 W. 103rd st., New York City.
- CAMPBELL, JOSEPH, Esq., 59 Wall st., New York City.
- CANFIELD, Prof. JAMES H., University of Kansas, Lawrence, Kansas.
- \*CARNEGIE, ANDREW, Esq., 5 W. 51st st., New York City.
- CARNEY, FLETCHER, Esq., 9 Main st., Galesburg, Ill.
- CARTER, JOHN W., Esq., 162-172 Columbus ave., Boston Mass.
- CARVER, CHARLES, Esq., 707 Walnut st., Philadelphia, Pa.
- CASSARD, HERBERT, Esq., 1222 St. Paul st., Baltimore, Md.
- CATT, GEORGE W., Esq., 426 Olympic ave., Seattle, Washington.
- CHADWICK, WILLIAM P., Esq., Exeter, N. H.

CHAFFEE, Rev. E. J., 314 W. Tompkins st., Galesburg, Ill.

†CHANDLER, A. D., Esq., Equitable Building, Boston, Mass.

CHANDLER, ALFRED N., Esq., 143 S. 4th st., Philadelphia, Pa.

CHAPMAN, Miss CARRIE L., Charles City, Iowa.

ΦCHAPPELL, Rev. E. B., Austin, Texas.

CHASE, SIMEON B., Esq., King Philip's Mills, Fall River, Mass.

CHEYNEY, Prof. E. P., University of Pennsylvania, Philadelphia, Pa.

CHEYNEY, W. J., Esq., 4301 Haverford ave., Philadelphia, Pa.

CHICAGO LAW INSTITUTE, County Building, Chicago, Ill.

CLAFLIN, Hon. WILLIAM, 6 Mt. Vernon st., Boston, Mass.

¶CLANCY, M. A., Esq., 1426 Corcoran st., Washington, D. C.

†CLAPP, Miss CORNELIA, Mt. Holyoke Seminary, South Hadley, Mass.

†CLARK, Prof. J. B., Smith College, Northampton, Mass.

\*CLARK, JOHN S., Esq., Secretary Prang Educational Co., 7 Park st., Boston, Mass.

[CLARK, MARTIN, Esq., 24 W. Seneca st., Buffalo, N. Y.

§CLARK, WILLIAM, Esq., Saxton Block, Canton, O.

CLARKE, Rev. W. N., D. D., Hamilton, N. Y.


- 
- ||CLINTON, GEORGE, Esq., 24 W. Seneca st., Buffalo, N. Y.
- †COAR, HENRY L., Esq., 33 Madison ave., Springfield, Mass.
- COATES, GEORGE M., Esq. (Coates Bros.), Philadelphia, Pa.
- †COLBURN, Prof. W. W., Springfield, Mass.
- COLE, Rev. THOMAS L., Trinity Church Rectory, Portland, Oregon.
- COLLIN, C. A., Esq., Ithaca, N. Y.
- COLLIN, FREDERICK, A. M., Esq., Elmira, N. Y.
- COLTON, A. B., Esq., 433 N. Cherry st., Galesburg, Ill.
- COMAN, Prof. KATHERINE, Wellesley College, Wellesley, Mass.
- COMMONS, J. R., Professor Wesleyan University, Middletown, Conn.
- COMSTOCK, Prof. C. E., 641 S. Academy st., Galesburg, Ill.
- °CONRAD, Prof. JOHANNES, University of Halle, Halle a/s, Germany.
- COOLEY, CHAS. H., Esq., Sun Building, Washington, D. C.
- COOKE, Hon. CHAS. M., Louisburg, N. C.
- †COOPER, A. R., Esq., Galt House, Louisville, Ky.
- COSKEY, W. J., Esq., 2019 Camac st., Philadelphia, Pa.
- °COSSA, Prof. LUIGI, University of Pavia, Pavia, Italy.




- ¶COTTIER, ALONZO E., Esq., 200 Main st., Buffalo, N. Y.
- COWLES, JAMES L., Esq., Sterretts, South Highlands, Birmingham, Ala.
- CRAIGHILL, Col. WILLIAM P., Charlestown, Jefferson Co., W. Va.
- CROCKER, URIEL H., Esq., 247 Commonwealth ave., Boston, Mass.
- ¶CROLL, S. E., Esq., 232 Perry st., Buffalo, N. Y.
- CROUTER, A. L. EDGERTON, Esq., Principal of Pa. Institute for Deaf and Dumb, N. W. cor. Broad and Pine sts., Philadelphia, Pa.
- CROWELL, President JOHN F., Trinity College, North Carolina.
- CURTIS, G. W., LL. D., W st., New Brighton, Staten Island, N. Y.
- ¶DAISH, JOHN B., Esq., D st., cor. North Capitol, N. E., Washington, D. C.
- DANSON, J. W., Esq., Grasmere, England.
- §DANNEMILLER, ED., Esq., 5th and Market sts., Canton, Ohio.
- DAVIDSON, Prof. THOMAS, 239 W. 105th st., New York City.
- \*DAVIS, HORACE, President University of California, 49 First st., San Francisco, Cal.
- ‡DAY, Rev. EDWARD, Lenox, Mass.
- ΦDAWSON, Hon. N. A., Austin, Texas.
- DEGRAFFENRIED, Miss CLARE, 1301 Corcoran st., Washington, D. C.
- ‡DENISON, GEO. A., Esq., Springfield, Mass.

- DENSLOW, VAN BUREN, LL. D., 162 Potter Building, New York City.
- †DEPARTMENT OF PUBLIC PRINTING AND STATIONERY, Ottawa, Canada.
- †DETROIT PUBLIC LIBRARY, H. M. Utly, Librarian, Detroit, Mich.
- DEVERMON, M. C., Esq., Cumberland, Md.
- DEWEY, Prof. DAVIS R., Ph. D., Massachusetts Institute Technology, Boston, Mass.
- DEXTER, Judge SEYMOUR, Ph. D., Elmira, N. Y.
- DIKE, Rev. SAMUEL W., Auburndale, Mass.
- \*DODD, Hon. S. C. T., 26 Broadway, New York City.
- ¶DODGE, Hon. J. R., 1336 Vermont ave., Washington, D. C.
- DODGE, Miss GRACE H., 262 Madison ave., New York City.
- ¶DOOLITTLE, M. H., Esq., Coast Survey, Washington, D. C.
- DOUGHERTY, WILLIAM H., Esq., 1136 N. Front st., Philadelphia, Pa.
- DOUGLAS, CHARLES H. J., 73 Reid ave., Brooklyn, N. Y.
- DUNBAR, Prof. CHARLES F., Harvard University, Cambridge, Mass.
- ECCLESTON, Rev. J. H., D. D., N. Fulton ave. ext., Baltimore, Md.
- †EGLE, WILLIAM H., Esq., State Librarian, Harrisburg, Pa.
- ELKINS, Hon. S. B., 46 W. 58th st., New York City.

- 
- ELLIOTT, Prof. O. L., Cornell University, Ithaca,  
N. Y.
- ELTING, IRVING, Esq., Poughkeepsie, N. Y.
- ELY, E. S., Esq., Fredonia, N. Y.
- ELY, Hon. GEORGE H., Mercantile Park Building,  
Cleveland, Ohio.
- ELY, Prof. RICHARD T., Ph. D., Johns Hopkins  
University, Baltimore, Md.
- EMERSON, H. P., Esq., 122 College st., Buffalo,  
N. Y.
- †ENOCH PRATT FREE LIBRARY, Reading Room,  
Baltimore, Md.
- †ENOS, ALANSON T., Esq., 116 W. 58th st., New  
York City.
- FAIRCHILD, President GEORGE T., Manhattan,  
Kansas.
- FALKNER, ROLAND P., Ph. D., University of Penn-  
sylvania, Philadelphia, Pa.
- FARNAM, Prof. HENRY W., 43 Hillhouse ave., New  
Haven, Conn.
- FARWELL, Rev. P. T., Stockbridge, Berkshire Co.,  
Mass.
- FERGUSON, Prof. HENRY, Trinity College, Hart-  
ford, Conn.
- FERGUSON, W. C., Esq., Richmond, Ind.
- ¶FILLMORE, C. J., Esq., 793 Front ave., Buffalo,  
N. Y.
- FISHER, GEO. HARRISON, Esq., 1311 Locust st.,  
Philadelphia, Pa.
- FISHER, WILLARD C., Westerlo, N. Y.

- 
- FOLWELL, Prof. W. W., University of Minnesota,  
Minneapolis, Minn.
- FOOTE, ALLEN R., Esq., P. O. Box 432, Wash-  
ington, D. C.
- FORD, JOHN, Esq., 92 N. Tioga st., Ithaca, N. Y.
- FORD, PAUL L., Esq., 97 Clarke st., Brooklyn, N. Y.
- FORD, WORTHINGTON C., Esq., Department of  
State, Washington, D. C.
- \*FOSTER, Prof. E. H., Shattuck School, Fairbault,  
Minn.
- FOSTER, W. H., Esq., Geneseo, Ill.
- FOULKE, Hon. WILLIAM D., Richmond, Ind.
- §FRANCIS, G. W., Esq., 505 Franklin st., Buffalo,  
N. Y.
- †FRANKLIN, JAMES P., Esq., Lock Box 1269, Spring-  
field, Mass.
- FUKUTOMI, CORRIN, Esq., 7 Kiridosich Yusima,  
Hongo, Tokio, Japan.
- \*FULLER, PAUL, Esq., 68 William st., New York  
City.
- ΦFULMORE, Judge Z. T., Austin, Texas.
- FULTON, WILLIAM, Esq., 44 S. Front st., Philadel-  
phia, Pa.
- GARDNER, Prof. H. B., Brown University, Provi-  
dence, R. I.
- ΦGARRISON, Prof. GEORGE P., University of Texas,  
Austin, Texas.
- GIDDINGS, Prof. F. H., Bryn Mawr College, Bryn  
Mawr, Pa.
- GILMAN, Rev. NICHOLAS P., West Newton, Mass.
- 

- \*GINTER, LEWIS, Esq., Carey st., bet. 4th and 5th,  
Richmond, Va.  
GLADDEN, Rev. WASHINGTON, LL. D., Columbus,  
Ohio.  
GLENN, JOHN, Jr., Esq., 12 St. Paul st., Baltimore,  
Md.  
GOODELL, EDWIN B., Esq., Montclair, N. J.  
GOODNOW, Prof. FRANK J., Columbia College,  
New York City.  
ΦGOULD, Judge R. S., Austin, Texas.  
ΦGRAHAM, MALCOLM, Esq., Austin, Texas.  
GOULD, E. R. L., Ph. D., Bureau of Labor, Wash-  
ington, D. C.  
GOWEY, JOHN F., Esq., Olympia, Washington.  
GRAY, JOHN H., Esq., Karlstrasse 22 II, Halle a/s,  
Germany.  
GREEN, E. F., Esq., Constant, Kansas.  
GREENE, JOHN, Esq., 279 Broadway, New York  
City.  
ΦGREGORY, T. W., Austin, Texas.  
GREY, ALBERT, Esq., Howick, Lesbury, North-  
umberland, England.  
‡GRIFFIN, S. B., Editor of *Springfield Republican*,  
Springfield, Mass.  
GROTON, W. M., Esq., Westerly, R. I.  
GRUBB, Prof. JOHN W., Galesburg, Ill.  
\*GULECK, Rev. JOHN T., Osaka, Japan.  
GUNTON, GEORGE, Esq., 226 E. 15th st., New  
York City.  
HADLEY, Prof. A. T., Yale University, New Haven,  
Conn.

- HALE, T. J., Esq., 306 S. Cedar st., Galesburg, Ill.  
ΦHALL, Judge R. M., Austin, Texas.  
HALSEY, Prof. J. J., Lake Forest University, Lake Forest, Ill.  
\*HANKS, Mrs. C. STEDMAN, 209 Washington st., Boston, Mass.  
ΦHANCOCK, LEWIS, Austin, Texas.  
§HARMOUNT, Dr. S. J., E. 4th st., Canton, Ohio.  
\*HARPER, JOSEPH W., Jr., Esq., 562 Fifth ave., New York City.  
ΦHARRISON, Hon. R. H., Austin, Texas.  
HART, Mrs. A. B., 43 W. 47th st., New York City.  
†HARVARD COLLEGE LIBRARY, Cambridge, Mass.  
\*HATHAWAY, FRANK RANDEL, Esq., Yonkers, N. Y.  
\*HATHAWAY, HARRISON, M. D., cor. Miami and Fort sts., Toledo, Ohio.  
HAWLEY, F. B., Esq., 129 Pearl st., New York City.  
HAZARD, Hon. R. G., 2d Peace Dale Mfg. Co., Peace Dale, R. I.  
†HAZEN, LUCIUS R., Middletown, Conn.  
|HEACOCK, REUBEN B., Esq., 165 Mariner st., Buffalo, N. Y.  
HEATH, W. H., M. D., 762 W. Ferry st., Buffalo, N. Y.  
HEILPRIN, LOUIS, Esq., Summit, N. J.  
HENDERSON, GEORGE, Esq., 1422 Master st., Philadelphia, Pa.  
†HENDRICKS, J. H., Esq., Springfield, Mass.  
\*HEWITT, Hon. ABRAM S., 9 Lexington ave., New York City.
- 

- HICKS, FRED. C., Esq., Ann Arbor, Mich.  
HILL, ARTHUR G., Esq., Florence, Mass.  
ΦHILL, Mrs. ROB'T J., University of Texas, Austin, Texas.  
ΦHILL, R. J., Esq., Austin, Texas.  
HOBSON, JOHN A., 94 Netherwood Road, West Kensington, London, W., England.  
\*HOCKLEY, THOS., Esq., 235 S. 21st st., Philadelphia, Pa.  
HODDER, Prof. F. H., Cornell University, Ithaca, N. Y.  
||HOFFELD, R., Esq., 14-24 Wells st., Buffalo, N. Y.  
HOGG, THOS. D., M. D., Raleigh, N. C.  
HOLCOMB, Prof. W. P., Ph. D., Swarthmore College, Swarthmore, Pa.  
HOLBROOK, CARL E., Esq., Johns Hopkins University, Baltimore, Md.  
HOLLAND, Dr. J. B., 219 W. Main st., Galesburg, Ill.  
HOLLANDER, J. H., Esq., Johns Hopkins University, Baltimore, Md.  
¶HOLMES, GEO. K., Esq., Census Office, Washington, D. C.  
‡HOOKER, Miss H. A., Mt. Holyoke Seminary, South Hadley, Mass.  
HORTON, Hon. S. DANA, Cosmos Club, Washington, D. C.  
HOTCHKISS, SAMUEL M., Bureau of Labor Statistics, Hartford, Conn.  
HOUSTON, SAMUEL FREDERIC, Esq., Brinkwood, Chestnut Hill, Philadelphia, Pa.

†HOWARD, Miss CATHARINE L., 297 Union st.,  
Springfield, Mass.

†HOWARD, ERNEST, Esq., Editor of Springfield  
*Republican*, Springfield, Mass.

HOWE, S. H., Esq., 83 Worth st., New York City.

HUGHES, Rev. D. C., 1320 Academy st., Scranton,  
Pa.

HUMPHREY, Dr. A. G., Galesburg, Ill.

§HUNT, JOSHUA, Esq., 202 Walnut st., Canton, Ohio,

HUNT, R. W., Esq., Galesburg, Ill.

\*HUTCHINSON, C. H., Esq., 1617 Walnut st., Phil-  
adelphia, Pa.

HYDE, President WILLIAM DE-WITT, Bowdoin  
College, Brunswick, Maine.

ILES, GEORGE, Esq., Park Avenue Hotel, New  
York City.

†INGRAHAM, Mrs. A. E., 313 Union st., Springfield,  
Mass.

INDIANA STATE LIBRARY, Indianapolis, Ind.

IRWIN, DUDLEY M., Esq., Oswego, N. Y.

JAFFA, JOSEPH S., Esq., 514 N. 5th st., Philadel-  
phia, Pa.

JAMES, Prof. E. J., Ph. D., University of Pennsyl-  
vania, Philadelphia, Pa.


JAMIESON, R. W., Esq., 547 W. Division st.,  
Buffalo, N. Y.

JANSCHUL, Prof. DE J., Arbat House, Rachmanoff,  
Moscow, Russia.

\*JAYNE, HENRY LABARRE, Esq., 334 Walnut st.,  
Philadelphia, Pa.



- JENKINS, JAMES, Master of 9th Grade Dix Street School, Worcester, Mass.
- JENKINS, THORNTON A., Rear Admiral, U. S. Navy, Member of Washington Phil. Soc., etc., 2115 Pennsylvania ave., Washington, D. C.
- JENKS, Prof. J. W., Ph. D., University of Indiana, Bloomington, Ind.
- JOHNSON, HIRAM, Esq., 123 W. Brooks st., Galesburg, Ill.
- ¶JONAS, ALBERT, Esq., 410 3rd st., N. W., Washington, D. C.
- JUDD, HERBERT, M. D., 104 E. Main st., Galesburg, Ill.
- KEATON, CHAS. E., Esq., care R. Dunlap & Co., Nostrand and Park aves., Brooklyn, N. Y.
- KEEP, CHAS. H., Esq., Law Exchange, Buffalo, N. Y.
- ¶KELLER, BENJAMIN F., Esq., Department of Labor, Washington, D. C.
- KELLING, HENRY, Esq., Clerk's Department, P. O. Box F, Walla Walla, Washington.
- ‡KELLOG, P. P., Esq., Springfield, Mass.
- KELLY, Miss JANE D., 48 Arnold st., Providence, R. I.
- ‡KELLY, JAMES, Esq., 25 Bond st., New York City.
- KELLY, JOHN F., Esq., 29 Plane st., Newark, N. J.
- \*KELSEY, Professor FRANCIS W., 55 E. University ave., Ann Arbor, Mich.
- KERLIN, Prof. R. T., Missouri Valley College, Marshall, Mo.

- KERR, Prof. ROB'T F., A. M., South Dakota Agricultural College, Brookings, South Dakota.
- \*KEYNES, J. N., Esq., 6 Harvey Road, Cambridge, England.
- KIDDER, CAMILLUS G., Esq., 32 Nassau st., New York City.
- ‡KIES, Miss MARIETTA, Mt. Holyoke Seminary, South Hadley, Mass.
- KIMBALL, Miss G. S., 5 Cooke st., Providence, R. I.
- †KING, P. S., & SON, Canada Block, King st., Westminster, London, S. W., England.
- KINGHORN, H. B., Esq., P. O. Box 748, New York City.
- KINLEY, DAVID, Esq., Johns Hopkins University, Baltimore, Md.
- §KINTZ, A. J., Esq., 19 Brown ave., Canton, Ohio.
- ‡KIRKHAM, ALBERT H., Esq., Springfield, Mass.
- ¶KITTENGER, JOS., Esq., 3 Niagara st., Buffalo, N. Y.
- KLEIN, JACOB, Esq., Circuit Court Room 1, Court House, St. Louis, Mo.
- KNIGHT, Prof. GEORGE W., Ohio State University, Columbus, Ohio.
- °KNIES, Prof. CARL, University of Heidelberg, Heidelberg, Germany.
- KNOX, Hon. JOHN JAY, President of National Bank of Republic, New York City.
- KRALL, G. H., Esq., Washington University, St. Louis, Mo.
- §KRICHBAUM, CHARLES, Esq., Public Square, Canton, Ohio.
- 

- KURSHEEDT, MANUEL A., Esq., 4 Warren St., New York City.
- KUSHIDA, MANZO, Esq., University of Pennsylvania, Philadelphia, Pa.
- LANDRETH, Prof. OLIN H., Vanderbilt University, Nashville, Tenn.
- \*LANE, JONATHAN A., Esq., President of Boston Merchants' Association, 266 Devonshire st., Winthrop Square, Boston, Mass.
- LANGDON, Rev. WM. CHAUNCY, D. D., Bedford, Pa.
- \*LANGE, WM. C., Esq., 6641 S. 6th st., St. Louis, Mo.
- LANGFORD, Miss LOUISE PENFIELD, 361 Lexington ave., New York City.
- \*LAUCHHEIM, SAMUEL K., Esq., 1252 N. Broad st., Philadelphia, Pa.
- \*LAVELEYRE, Prof. ÉMILE DE, University of Liège, Liège, Belgium.
- \*LEA, HENRY C., Esq., 2000 Walnut st., Philadelphia, Pa.
- LEARNED, Prof. DWIGHT W., Ph. D., Doshisha College, Kioto, Japan.
- LEE, CHARLES H., Esq., 20 Ferry st., New York City.
- ΦLEFEVRE, Prof. WALTER, University of Texas, Austin, Texas.
- LEVY, CLIFTON H., Esq., Rabbi Cong, "Gates of Hope," 449 W. 23rd st., New York City.
- LEWIS, JOHN V. B., Esq., 237 Broadway, New York City.
- LEWIS, W. D., Esq., care R. C. McMurtrie, Bullitt Building, Philadelphia, Pa.

- †LIBRARIE LEESCHER & Co., 307 Via del Corso,  
Rome, Italy.
- †LIBRARY, Agricultural College, Mich.
- LITTLE, WALTER H., Esq., P. O. Box 972, Helena,  
Montana.
- LIVERMORE, Maj. W. R., Corps of Engineers, U.  
S. Army, Newport, R. I.
- LONGSTRETH, WILLIAM W., Esq., 2013 Chestnut  
st., Philadelphia, Pa.
- LOOS, Prof. ISAAC A., State University of Iowa,  
Iowa City, Iowa.
- \*LOW, Hon. SETH, President of Columbia College,  
New York City.
- LOWELL, Mrs. C. R., 120 E. 30th st., New York  
City.
- LOWRY, J. C., Esq., 22nd st. above Race, Philadel-  
phia, Pa.
- LUKE, ADAM K., Esq., Rockland, Del.
- LYMAN, ARTHUR T., Esq., P. O. Box 1717, Boston,  
Mass.
- MACALLISTER, Prof. JAMES, Superintendent of  
Schools, Office of Board of Education, Phila-  
delphia, Pa.
- ¶MACOMBER, WM., Esq., 35 W. Eagle st., Buffalo,  
N. Y.
- MACOMBER, A. E., Esq., 48 Summit st., Toledo,  
Ohio.
- ¶MCCREERY, J. L., Esq., 1004 B st., S. E., Wash-  
ington, D. C.
- MACY, Prof. JESSE, Iowa College, Grinnell, Iowa.

- MACFARLANE, Hon. JOHN J., 432 Walnut st., Philadelphia, Pa.
- MCGIRR, T. L., Esq., 109 E. Main st., Galesburg, Ill.
- §MCGREGOR, Mr. A., 169 N. Walnut st., Canton, Ohio.
- MACKIBBIN, Prof. STUART, Superintendent of Pentwater Union School, Pentwater, Mich.
- MACNAIR, Rev. T. M., 14 Tsukÿi, Tokyo, Japan.
- §MACQUEARY, Reverend HOWARD, Canton, Ohio.
- \*MCVEAGH, Hon. WAYNE, 402 Walnut st., Philadelphia, Pa.
- MARS, HIRAM, Esq., 520 E. North st., Galesburg, Ill.
- MARSHALL, CHARLES C., Esq., 35 William st., New York City.
- °MARSHALL, Prof. ALFRED, University of Cambridge, Cambridge, England.
- MARSTEN, Rev. F. E., Columbus, Ohio.
- \*MARTIN, JOHN BIDDULPH, F. R. S., Secretary of International Statistical Institute, 17 Hyde Park, Gate, London, S. W., England.
- MARTIN, GERSHOM, Esq., Holton and South sts., Galesburg, Ill.
- MARVIN, Prof. CHARLES M., Elmira, N. Y.
- MARVIN, F. S., A. M., Toynbee Hall, Commercial st., London, E., England.
- MASON, Rev. P. H., Pastor Congregational Church, Lancaster, Wis.

†MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Boston, Mass.

†MASSACHUSETTS STATE LIBRARY, State House, Boston, Mass.

[MATTHEWS, C. B., Esq., 309 West ave., Buffalo, N. Y.

MAUDE, JOHN, Esq., Arundel House, Arundel st., Victoria Embankment, London, W. C., England.

MEAD, EDWARD D., Esq., 73 Pinckney st., Boston, Mass.

†MECHANICS LIBRARY, San Francisco, Cal.

MELLOR, ALFRED, Esq., 218 N. 22nd st., Philadelphia, Pa.

†MERCANTILE LIBRARY, Baltimore, Md.

\*MERCER, GEORGE GLUYAS, Esq., Attorney at Law, Drexel Building, Philadelphia, Pa.

§MEREDITH, W. D., Esq., 34 E. Second st., Canton, Ohio.

MEREDITH, W. T., Esq., 11 W. 12th st., New York City.

MERIWETHER, Prof. C., Sendai, Japan.

†MERRIAM, GEO. S., Esq., Springfield, Mass.

ΦMILLER, C. H., Esq., Austin, Texas.

MILLER, C. J., Esq., Wright's Corners, Niagara Co., N. Y.

MILLER, E. A., Esq., 1309 Pine st., Philadelphia, Pa.

MILLS, WALTER THOMAS, Esq., 179 Washington st., Chicago, Ill.

MILNE, DAVID, Esq., 2030 Walnut st., Philadelphia, Pa.

MIXTER, CHAS. W., Esq., Johns Hopkins University, Baltimore, Md.

MONCRIEF, Prof. J. W., Franklin College, Franklin, Ind.

ΦMOORE, Hon. J. M., Austin, Texas.

∣MOOT, ADELBERT, Esq., 14 Court st., Buffalo, N. Y.

†MORRIS, ROB'T O., Esq., Springfield, Mass.

†MORSE, Prof. A. D., Amherst College, Amherst, Mass.

MOWRY, WILLIAM A., Esq., 50 Bromfield st., Boston, Mass.

MOXOM, Rev. PHILIP S., Pastor of First Baptist Church, 326 West Chester Park, Boston, Mass.

†MUNROE, JAMES P., Esq., 179 Devonshire st., Boston, Mass.

MURPHY, C. R., Esq., 320 W. North st., Decatur, Ill.

NEEB, Hon. CHARLES W., Stockton ave., Alleghany, Pa.

∣NEILL, A. B., Esq., 652 Main st., Buffalo, N. Y.

NELSON, N. O., Esq., President of N. O. Nelson Manufacturing Co., St. Louis, Mo.

NEWCOMB, Prof. G. B., College of City of New York, 256 W. 57th st., New York City.

¶NEWCOMB, HARRY, Esq., Interstate Commerce Commission, Washington, D. C.

NEWCOMB, Prof. SIMON, 1620 P st., Washington, D. C.

- †NEWTON FREE LIBRARY, Newton, Mass.  
NEWTON, Rev. B. HEBER, D. D., Garden City, Long  
Island, N. Y.
- †NEW YORK STATE LIBRARY, Albany, New York.  
NITOBE, INAZO, Ph. D. Sapporo, Japan.
- †NORTHWESTERN UNIVERSITY, Evanston, Ill.  
NORTON, Dr. C. R., 700 N. 40th st., Philadelphia,  
Pa.  
NORTON, F. L., Esq., Fiske Building, State st.,  
Boston, Mass.
- †OHIO STATE LIBRARY, Columbus, Ohio.  
§O'MALLEY, T. T., Esq., 208½ S. Cherry st., Canton,  
Ohio.  
OSBORNE, Rev. G. P., 185 Race st., Cincinnati,  
Ohio.  
OSGOOD, H. L., Esq., Professor Columbia College,  
Joralemon st., Brooklyn, N. Y.  
PAGE, EDWARD D., Esq., 68 Leonard st., New York  
City.  
PAINE, BOB'T TREAT, Esq., 6 Joy st., Boston, Mass.
- \*PALGRAVE, R. H. INGLIS, Esq., Belton, nr. Great  
Yarmouth, Norfolk, England.
- ‡PARKE, C. S., Esq., 660 Main st., Buffalo, N. Y.  
‡PARKER, E. L., Esq., Austin Building, Buffalo,  
N. Y.
- PATTEN, J. O., Esq., President of Atlantic Printing  
and Publishing Co., 138 Pearl st., Boston, Mass.  
PATTEN, Prof. SIMON N., Ph. D., University of  
Pennsylvania, Pa.



PATTERSON, J. STAHL, Esq., Berlin Heights, Erie Co., Ohio.

PATTERSON, ROB'T, Esq., Secretary and Treasurer of the Fidelity Insurance Trust and Safe Deposit Co., Philadelphia, Pa.

PEABODY, Prof. FRANCIS G., Cambridge, Mass.

PEARCE, Hon. JAMES ALFRED, Chestertown, Kent Co., Md.

¶PECHIN, MORRIS, Esq., War Department, Washington, D. C.

ΦPENDLETON, D. R., Esq., Austin, Texas.

†PENNSYLVANIA STATE LIBRARY, Harrisburg, Pa.

PERCY, Dr. J. F., Galesburg, Ill.

PERRINE, Prof. ENOCH, Bucknell University, Lewisburg, Pa.

PERRY, A. J., Esq., 124 W. Prospect st., Galesburg, Ill.

¶PETERS, EDWARD T., Esq. (P. O. Box 295), 601 13th st., N. W., Washington, D. C.

†PHILADELPHIA LIBRARY, Juniper and Locust sts., Philadelphia, Pa.

PHILLIPS, THOMAS, Esq., Clementon, Camden Co., N. J.

†PHILLIPS, Mrs. HENRY M., Springfield, Mass.

†PHILLIPS, HENRY M., Esq., Springfield, Mass.

PIERCE, W. F., Esq., 25 East ave., Ithaca, N. Y.

PLASS, Rev. NORMAN, Medina, Ohio.

PLIMPTON, GEORGE A., Esq., 743 Broadway, New York City.

POMEROY, ELTWEED, Esq., 266 Halsey st., New-  
ark, N. J.

POPE, J. F., Esq., Austin, Texas.

POWELL, Rev. ARTHUR C., 709 Park ave., Balti-  
more, Md.

POWERS, Prof. H. H., Oberlin College, Oberlin,  
Ohio.

PRATT, GEORGE D., Esq., 192 Maple st., Spring-  
field, Mass.

FRAUSSNITZ, Dr. MARTIN, care Commerzbank Rath  
Herz Jessnitz in Anhalt, Germany.

PRICE, Col. J. A., Scranton, Pa.

PROVIDENCE PUBLIC LIBRARY, Providence, R. I.

PUBLIC LIBRARY, Boylston st., Boston, Mass.

PUBLIC LIBRARY, Chicago, Ill.

PUBLIC LIBRARY, Milwaukee, Wis.

PUBLIC LIBRARY (E. L. Adams, Librarian), Plain-  
field, N. J.

PUBLIC LIBRARY (Frederick M. Crunden, Libra-  
rian), St. Louis, Mo.

PUTNAM, H., Esq., 45 William st., New York City.

RABBENO, Prof. AVV. NEGRO, R., Institute Tecnico,  
Bologna, Italy.

RANDOLPH, E. F., Esq., Johns Hopkins University,  
Baltimore, Md.

REAL ESTATE RECORD AND GUIDE, 191 Broadway,  
New York City.

RECTOR, Judge JOHN B., Austin, Texas.

REED, HOMER, Esq., Kansas City, Mo.

REFORM CLUB, 12 E. 33rd st., New York City.

- REMINGTON, HAROLD, Esq., 38 Sun Building,  
Washington, D. C.
- ¶RENICK, E. I., Esq., 1717 Corcoran st., Washing-  
ton, D. C.
- RHODES, JAMES F., Esq., The Stillman, Cleveland,  
Ohio.
- RICE, ISAAC L., Esq., 119 W. 72nd st., New York  
City.
- ‡RICE, JOHN L., Esq., Springfield, Mass.
- ‡RICE, Rev. WILLIAM, City Library, Springfield,  
Mass.
- RICHARDSON, CHARLES, Esq., 610 Chestnut st.,  
Philadelphia, Pa.
- RIPPEY, CHARLES MCKAY, Esq., 281 N. Iowa st.,  
Grand Rapids, Mich.
- RIPLEY, WILLIAM Y., B. S., Fellow Mass. Inst. of  
Technology, Boston, Mass.
- RITTENHOUSE, HENRY N., Esq., 218 N. 22nd st.,  
Philadelphia, Pa.
- ROBINSON, C. W., Esq., Hornelsville, N. Y.
- ROBBINS, THOMAS, Jr., &sq., 1821 DeLancy Place,  
Philadelphia, Pa.
- ROGERS, Prof. A. E., State College, Orono, Maine.
- ROGERS, Mrs. EMMA W., 326 Chicago ave., Evans-  
ton, Ill.
- ¶ROGERS, S. C., Esq., 196 Vermont st., Buffalo, N. Y.
- ROGERS, WILLIAM B., Esq., Treasurer of Western  
Savings Fund, 1000 Walnut st., Philadelphia,  
Pa.

- ROOT, Rev. F. S., Pastor of High Street Parish  
Oongregational Church, 102 Pleasant st., Au-  
burn, Maine.
- ROPES, Rev. W. L., Librarian of Andover Theo-  
logical Seminary, Andover, Mass.
- \*ROSCHER, Prof. WILHELM, University of Leipzig,  
Leipzig, Germany.
- †ROSENAU, N. S., Esq., 72 N. Pearl st., Buffalo,  
N. Y.
- ROSENGARTEN, JOSEPH G., Esq., S. E., cor. 6th  
and Walnut sts., Philadelphia, Pa.
- ROWE, LEO S., Esq., 958 Franklin st., Philadel-  
phia, Pa.
- †RUTGER'S COLLEGE LIBRARY, Lock Draw S, New  
Brunswick, N. J.
- RYAN, L. R., M. D., 416 Cherry st., Galesburg, Ill.
- RYLANCE, Rev. J. H., D. D., 11 Livingston Place,  
New York City.
- SACKETT, HENRY W., Esq., Riverdale on Hudson,  
New York City.
- †ST. PAUL PUBLIC LIBRARY, Third and Wabasha  
sts., St. Paul, Minn.
- SAMS, CONWAY W., Esq., 211 N. Calvert st., Balti-  
more, Md.
- SATO, SHOSUKE, Esq., Director of Agricultural  
College, Sapporo, Hokkaido, Japan.
- SAUTER, WM. F., Esq., N. E. cor. 13th and Noble  
sts., Philadelphia, Pa.
- SAYLES, Mrs. LITA BARNEY, Killingly, Conn.

SAYRE, Prof. WILLIAM L., President of Manual Training School, 17th and Wood sts., Philadelphia, Pa.

SCHMIDT, Prof. NATHANIEL, Hamilton Theological Seminary, Hamilton, N. Y.

SCHWAB, GUSTAV H., care Oelrichs & Co., P. O. Box 137, New York City.

SCHWAB, J. C., Ph. D., 5 S. College, New Haven, Conn.

SCOTT, LEWIS A., Esq., 1806 Locust st., Philadelphia, Pa.

SCOTT, WM. A., Esq., Johns Hopkins University, Baltimore, Md.

†SCRIBNER'S, CHAS., SONS, 743-755 Broadway, New York City.

SCUDDER, Rev. DOREMUS, 3921 Grand Boulevard, Chicago, Ill.

SEAGER, H. R., Esq., Johns Hopkins University, Baltimore, Md.


†SEGER, EDWARD W., Esq., Springfield Foundry Company, Springfield, Mass.

\*SELIGMAN, Prof. EDWIN R. A., 58 W. 71st st., New York City.


\*SELIGMAN, ISAAC NEWTON, Esq., 58 W. 54th st., New York City.

†SEMMES, Col. THOMAS M., Librarian Va. Military Institute, Lexington, Va.

SERRILL, CHARLES LLOYD, Esq., Darby Delaware Co., Pa.

- 
- †SEVER, CHAS. W., Esq., University Bookstore,  
Cambridge, Mass.
- SHAW, Dr. ALBERT, *Minneapolis Tribune*, Min-  
neapolis, Minn.
- \*SHEARMAN, THOMAS G., Esq., 176 Columbia  
Heights, Brooklyn, N. Y.
- \*SHEPARD, Col. ELLIOTT F., *Mail and Express*,  
New York City.
- ||SHEPARD, FREDERICK J., Esq., *Daily Courier*,  
Buffalo, N. Y.
- SHEPPARD, Prof. R. D., D. D., Northwestern Uni-  
versity, Evanston, Ill.
- SHERWOOD, SIDNEY, Esq., Johns Hopkins Univer-  
sity, Baltimore, Md.
- §SHOOF, CHARLES E., Esq., 109 S. Cherry st., Can-  
ton, Ohio.
- SIDDALL, F., Esq., 1807 Vine st., Philadelphia, Pa.
- °SIDGWICK, Prof. HENRY, University of Cambridge,  
Cambridge, England.
- ¶SIDWELL, Mrs. F. H., 1613 17th st., Washington,  
D. C.
- ¶SIDWELL, T. W., Esq., 1613 17th st., Washington,  
D. C.
- |SIEGRIST, AUGUST, Esq., 350 Washington st.,  
Buffalo, N. Y.
- SLATER, E. T., Esq., University College, Oxford,  
England.
- SMALL, A. W., Ph. D., President of Colby Univer-  
sity, Waterville, Maine.
- 

- \*SMART, WILLIAM, M. A., Lecturer on Political Economy, Queen Margaret College, Glasgow, Scotland.
- ¶SMITH, Miss CHARLOTTE, High School, Washington, D. C.
- SMITH, Prof. C. H., Bowdoin College, Brunswick, Maine.
- SMITH, C. L., Ph. D., Johns Hopkins University, Baltimore, Md.
- ¶SMITH, ERWIN F., Esq., 233 8th st., N. E., Washington, D. C.
- SMITH, FRED. L., Esq., 1001 Woodward ave., Detroit, Mich.
- ‡SMITH, JOHN R., Esq., Springfield Iron Works, Springfield, Mass.
- SMITH, MARSHALL E., Esq., 21 S. 8th st., Philadelphia, Pa.
- SMITH, EDWARD P., Ph. D., Worcester Polytechnic Institute, 34 Boynton st., Worcester, Mass.
- \*SMITH, Prof. RICHMOND M., Columbia College, New York City.
- SMITH, S. L., Esq., 1001 Woodward ave., Detroit, Mich.
- ‖SMITH, T. GUILFORD, Esq., 16 Chapin Block, Buffalo, N. Y.
- ΦSMITH, Dr. Q. C., Austin, Texas.
- SMYTH, Prof. ALBERT H., Central High School, Philadelphia, Pa.
- SNOWDEN, A. LOUDEN, Esq., 826 Chestnut st., Philadelphia, Pa.

- SNYDER, Prof. MONROE B., Central High School,  
Philadelphia, Pa.
- SOHNE, W. MANNKE, Esq., Grosse Bleichen, 14,  
Hamburg, Germany.
- ¶SOLBERG, L. THOROLD, Esq., Anacostia, D. C.
- SOUTHER, CHAS. EDWARD, Esq., 120 Boadway,  
New York City.
- ‡SOUTHWORTH, CHAS. H., Esq., Springfield, Mass.
- ‡SOUTHWORTH, MASE S., Esq., Mill st., Springfield,  
Mass.
- SPAHR, CHARLES B., Ph. D., 80 Washington  
Square, New York City.
- SPIEGELBERG, FREDERICK, Esq., 108 W. 69th st.,  
New York City.
- SPIER, FRANCIS, Jr., Esq., 58 Wall st., New York  
City.
- SPEIRS, Prof. FRED. W., University of South  
Dakota, Vermillion, S. D.
- ‡SPRAGUE, Rev. F. M., Brightwood, Mass.
- STANTON, Prof. E. W., State Agricultural College,  
Ames, Iowa.
- ‡STEARNS, GEORGE M., Esq., 415 Main st., Spring-  
field, Mass.
- ‡STEBBINS, F. H., Esq., Springfield, Mass.
- ‡STEELE, Rev. Dr. G. M., Principal of Wesleyan  
Academy, Wilbraham, Mass.
- STEELE, Prof. W. L., 356 N. Cherry st., Gales-  
burg, Ill.
- ‡STEIGER, E., & Co., Newspaper box 298, New  
York City.
- 



- ¶STEIN, ROBERT, Esq., Geological Survey, Washington, D. C.
- \*STERNE, SIMON, Esq., 29 William st., New York City.
- STERRETT, Prof. J. MACBRIDE, D. D., Seabury Divinity School, Faribault, Minn.
- STEVENS, ALBERT C., Esq., Bradstreet's Editorial Rooms, 279 Broadway, New York City.
- STEWART, JOHN L., Esq., University of Pennsylvania, Philadelphia, Pa.
- ‡STOCKELL, Dr. C. T., Springfield, Mass.
- ‡STONE, W. B., Esq., Springfield, Mass.
- STRADLEY, WALTER P., Esq., Johns Hopkins University, Baltimore, Md.
- ¶STRASSER, A., Esq., Room 21, Fitch Institute, Buffalo, N. Y.
- STRAUS, Hon. OSCAR S., 44 Warren st., New York City.
- STRAWBRIDGE, JUSTUS C., Esq., N. W. cor. 8th and Market sts., Philadelphia, Pa.
- STRICKLAND, R. K., Esq., 370 Hudson st., Buffalo, N. Y.
- STUART, J. B., Esq., care Stuart Bros., 13 and 14 Symes Block, Denver, Col.
- \*SWAYNE, Gen. WAGER, 195 Broadway, New York City.
- SWITZER, C. E., Esq., 524 S. Broad st., Galesburg, Ill.
- ¶TABER, W. D., Esq., 130 Carolina st., Buffalo, N. Y.

- TANZER, ARNOLD, Esq., P. O. Box 173, S. Orange,  
N. J.
- TATEM, J. FITHIAN, Esq., Haddonfield, Camden  
Co., N. J.
- TAUSSIG, Prof. F. W., Harvard University, Cam-  
bridge, Mass.
- ¶TAYLOR, Miss A. R., 238 Massachusetts ave., N. E.,  
Washington, D. C.
- †TAYLOR, Rev. B. S., Librarian Albion College,  
Albion, Mich.
- TAYLOR, Rev. JAMES M., D. D., President of Vas-  
sar College, Poughkeepsie, N. Y.
- TAYLOR, Rev. GRAHAM, Hartford Theological  
Seminary, Hartford, Conn.
- ΦTERRELL, Judge A. W., Austin, Texas.
- THOMAS, Judge EDWARD A., Norristown, Pa.
- THOMAS, Dr. JAMES CAREY, Baltimore, Md.
- THOMPSON, Prof. ROBERT ELLIS, D. D., University  
of Pennsylvania, Philadelphia, Pa.
- †THOMPSON, BENJ. F., Esq., 139 Catherine st.,  
Springfield, Mass.
- ΦTHOMPSON, R. M., Esq., Austin, Texas.
- \*THURBER, FRANCIS B., Esq., Thurber, Whyland  
& Co., W. Broadway, Reade and Hudson sts.,  
New York City.
- §THURSTON, C. V., Esq., Canton, Ohio.
- THWAITES, REUBEN G., Esq., Secretary of State  
Historical Society, Madison, Wis.
- TUCKER, MILES, Esq., 1213 Locust st., Philadel-  
phia, Pa.

- 
- ‡TUTTLE, Prof. C. A., Amherst College, Amherst,  
Mass.
- §UNDERHILL, Judge J. W., S. Market st., Canton,  
Ohio.
- UNIVERSITY OF KANSAS, Lawrence, Kansas.
- UNIVERSITY OF NEBRASKA, Lincoln, Neb.
- UNIVERSITY ON TORONTO, Toronto, Canada.
- UPTON, CASSIUS M., Esq., Battle Creek, Mich.
- VENABLE, EDWARD C., Esq., Petersburg, Va.
- VENABLE, RICHARD M., Esq., 29 N. Calvert st.,  
Baltimore, Md.
- WADSWORTH, H. M., Esq., Editor and Proprietor  
of *Rocky Mountain Mining Review*, Denver, Col.
- ΦWAGGENER, Dr. LESLIE, Austin, Texas.
- °WAGNER, Prof. ADOLPH, University of Berlin,  
Berlin, Germany.
- ‡WALKER, Rev. C. S., Ph. D., Box 318, Amherst,  
Mass.
- ΦWALKER, A. S., Esq., Austin, Texas.
- \*WALKER, Gen. FRANCIS A., President of Massa-  
chusetts Institute of Technology, Boston, Mass.
- ΦWALLACE, J. P., Esq., Austin, Texas.
- WARD, Prof. LESTER F., 1464 Rhode Island ave.,  
Washington, D. C.
- WARNER, Prof. A. G., Ph. D., State University,  
Lincoln, Neb.
- WARREN, W. R., Esq., 175 W. 74th st., New York  
City.
- WAYLAND, Rev. H. L., D. D., Editor of *National  
Baptist*, 1420 Chestnut st., Philadelphia, Pa.

- WEBB, SIDNEY, Esq., 27 Keppel st., Russell Square,  
London, England.
- WEBSTER, C. A., Esq., 248 N. Academy st., Gales-  
burg, Ill.
- \*WEEKS, JOSEPH D., Esq., Pittsburg, Pa.
- WELD, Rev. CHAS. R., D. D., First Independent  
Church, Baltimore, Md.
- †WELLS, Prof. D. COLLIN, Bowdoin College, Bruns-  
wick, Maine.
- WELLES, F. R., Esq., 26 Avenue du Sud, Antwerp,  
Belgium.
- WHITE, Hon. ANDREW D., LL. D., Ithaca, N. Y.
- \*WHITE, JULIAN LE ROY, Esq., 18 Mt. Vernon  
Place, West, Baltimore, Md.
- WHITE, WM. HOWARD, Esq., 74 Wall st., New  
York City.
- WHITTLESEY, MILLS, Esq., Lawrenceville, Mercer  
Co., N. J.
- WILCOX, Miss MARY A., Wellesley College Wel-  
lesley, Mass.
- ¶WILD, G. L., Esq., 709 7th st., Washington, D. C.
- †WILLIAMS, E. N., Esq., 1108 S. West st., Gales-  
burg, Ill.
- WILLIAMS, Rev. LEIGHTON, 214 Broadway, New  
York City.
- WILLIAMS, TALCOTT, Esq., 1833 Spruce st., Phila-  
delphia, Pa.
- WILLIS, Prof. HENRY W., Central High School,  
Philadelphia, Pa.
- †WILLISTON, A. L., Esq., Northampton, Mass.

- ¶WILLOUGHBY, W. F., Esq., 1115 O st., Washington, D. C.
- ¶WILSON, POSEY S., Esq., 219 1st st., N. E., Washington, D. C.
- WILSON, Prof. WOODROW, Princeton College, Princeton, N. J.
- WILSON, ROBERT H., Esq., Corvallis, Oregon.
- ¶WING, GEO., Esq., 22 W. Seneca st., Buffalo, N. Y.
- WISCHNEWETZKY, Mrs. FLORENCE KELLEY, 78 W. 72nd st., New York City.
- WOOD, CHARLES S., Esq., Continental Hotel, Philadelphia, Pa.
- \*WOOD, Dr. ROBERT W., Jamaica Plains, Miss.
- WOOD, STUART, Ph. D., 400 Chestnut st., Philadelphia, Pa.
- WOODBURN, J. A., Ph. D., University of Indiana, Bloomington, Ind.
- WOODBURY, THEODORE C., Esq., care Woodbury & Moulton, Bankers, Portland, Me.
- \*WOODFORD, A. B., Esq., Johns Hopkins University, Baltimore, Md.
- WOODRUFF, C. R., Esq., 1847 N. 21st st., Philadelphia, Pa.
- WOODS, GEORGE A., Esq., Springfield, Ill.
- ΦWOOLDRIDGE, Hon. A. P., Austin, Texas.
- †WORCESTER FREE PUBLIC LIBRARY, Worcester, Mass.
- \*WORTHINGTON, T. K., Esq., Wilson Building, cor. Charles and Saratoga sts., Baltimore, Md.
- ΦWRIGHT, Dr. E. B., Austin, Texas.

¶WRIGHT, Hon. CARROLL D., United States Commissioner of Labor, Washington, D. C.

WRIGHT, CLINTON A., Esq., P. O. Box 843, Baltimore, Md. .

YAGER, Prof. ARTHUR, Georgetown, Ky.

†Y. M. C. A. LIBRARY OF CITY OF N. Y. (R. R. Poole, Librarian), 52 E. 23rd st., cor. 4th ave., New York City.

YOUNG, Prof. F. G , State Normal School, Madison, Dakota.

PROGRAM OF THE FOURTH ANNUAL MEETING  
HELD IN WASHINGTON, D. C.,  
DEC. 26-30, 1890.

**Friday, December 26.**

AFTERNOON SESSION—3 P. M.

- From the Committee on Economic Theory—Prof. J. B. Clark,  
Chairman.
- I. Paper on "The Concepts of Utility, Value, and Cost."  
By Prof. F. H. Giddings.
  - II. Paper on "The Term Wealth in Economic Science. A  
Study in Economic Theory." By Dr. Charles A. Tuttle.
  - III. Paper on "The Ethical Principle in Industrial Relations."  
By Miss Marietta Kies.
  - IV. Report of the Committee,  
By Prof. J. B. Clark.

EVENING SESSION—8 P. M.

ADDRESS BY PRESIDENT FRANCIS A WALKER.

**Saturday, December 27.**

MORNING SESSION—10 A. M.

- From the Committee on Transportation, Prof. Edmund J.  
James, Chairman.
- I. Paper on "A Contribution to the Theory of Railroad  
Rates." By Prof. F. W. Taussig.
  - II. Paper on "The Relative Cost of Water and Rail Transpor-  
tation." By Hon. George H. Rly.
  - III. Paper on "The Relation of Railroad Passenger Traffic to  
Freight Traffic." A part of the Report of the Commit-  
tee. By Prof. Edmund J. James.

EVENING SESSION—8 P. M.

- From the Committee on Statistics, Hon. Carroll D. Wright,  
Chairman.
- I. Report of the Committee. Hon. Carroll D. Wright.
  - II. Paper on "Street Railway Statistics."  
By Charles H. Cooley, Esq.
  - III. Paper on "Statistics as a Means of Correcting Corporate  
Abuses." By Prof. Henry C. Adams.

**Monday, December 28.**

MORNING SESSION—10 A. M.

- I. Paper on "The Incidence of Local Taxation."  
By Prof. Edwin R. A. Seligman.
- II. Paper on "Direct Taxation as a Source of Early Federal  
Revenue." By Dr. Roland P. Falkner.
- III. Paper on "Crooked Taxation." By Hon. T. G. Shearman.

**AFTERNOON SESSION—3 P. M.**

- I. Paper on "The Educational Value of Political Economy."  
A part of the Report of the Committee on Teaching  
Political Economy, by Prof. Simon N. Patten, Chairman.
- II. Paper on "A Syllabus of Public Economy."  
By Prof. William W. Folwell.
- III. "Land Transfer Reform; The Torrens System of Land  
Registration."  
By Prof. J. W. Jenks.
- IV. "The Third, *i.e.*, The Social Revolution,"  
By Prof. E. P. Cheyney.

**Tuesday, December 30.**

**MORNING SESSION—10 A. M.**

- I. From the Committee on Technical Education.—President  
F. A. Walker, Chairman.—Discussion on Industrial  
and Technical Education. Opened by President Francis  
A. Walker, who will present the South Kensington  
view, followed by Prof. Simon N. Patten, who will  
speak from the standpoint of Consumption; Dr. Nicholas  
Murray Butler, who will speak from the standpoint  
of General Education, and Prof. James MacAlister,  
who will speak of its Easy Adaptation to School  
Curriculum and Management.
- II. Paper on "Limits of Publicity." By Prof. Davis R. Dewey.
- III. Paper on "The Municipal Ownership of Gas Works in the  
United States,"  
By Prof. Edward W. Bemis.

**AFTERNOON SESSION—3 P. M.**

- I. Paper on "The Growth and Economic Value of Building  
and Loan Associations." By Hon. Seymour Dexter.
- II. Paper on "The Tailoring Trade and the Sweating Sys-  
tem."  
By Miss Katherine Coman.
- III. Paper on "Girl's Boarding Homes." By Robert Stein, Esq.
- IV. Secretary's Report.

**EVENING SESSION—8 P. M.**

Held jointly by the American Economic Association and the American  
Forestry Association, at the National Museum.

- I. Paper on "The Duty of Government in Regard to Forests."  
By Prof. Edmund J. James.
- II. Paper on "The Present Condition of Forests on the Public  
Lands."  
By Edward D. Bowers, Esq.
- III. Paper on "Government Forestry Abroad."  
By Gifford Pinchot, Esq.
- IV. Paper on "The Feasibility of American Forest Adminis-  
tration," by B. E. Fernow, Esq., Chief of Forestry  
Division, Department of Agriculture.



## ANNOUNCEMENT OF PRIZES FOR ESSAYS

—ON THE—

### Housing of the Poor in American Cities.

---

Friends of the American Economic Association have contributed five hundred dollars for prizes for the first and second best essays on the "Housing of the Poor in American Cities," the first prize to be three hundred dollars and the second prize two hundred dollars. The essays should describe the actual condition of the dwellings of the poor, especially of the wage-earning classes, a comparison of the present condition with the condition in the past, showing tendency towards improvement or deterioration as the case may be. Voluntary and legislative efforts to improve the dwellings should be treated. The effects of sanitary legislation should be considered, and plans for improvement discussed. It is desired that the limits of private philanthropy and those of legislation and administration should receive attention. While attention is to be confined chiefly to American cities, foreign cities and their experience may be treated, and any lessons derived therefrom pointed out.

The essays should not exceed 25,000 words, and must be in the hands of the Secretary of the Association not later than November 15th, 1891. It is desired, but not required, that they should be type-written. The Association reserves the right of publication and copyright of the successful essays, if it desires to publish them. Other essays will be returned if stamps for postage are sent.

Address all inquiries to

RICHARD T. ELY,

*Secretary of the American Economic Association,*

BALTIMORE, MD.

— PUBLICATIONS OF THE —

## AMERICAN ECONOMIC ASSOCIATION.

### FOUR VOLUMES COMPLETED.

They will be sent, bound, in cloth, at \$5 each; any two for \$9; any three for \$13; all four for \$17. Unbound, \$4 per volume. Forwarded post-paid. A few copies bound in half-morocco are offered at \$5.50 each; any two for \$10; any three for \$14.50; all four for \$19. Postage additional.

### CONTENTS OF VOLUMES.

#### VOLUME I.—Bound, \$5; Unbound, \$4.

- No. 1. REPORT OF THE ORGANIZATION OF THE AMERICAN ECONOMIC ASSOCIATION. By RICHARD T. ELY, Ph. D., Secretary.
- Nos. 2 & 3. THE RELATION OF THE MODERN MUNICIPALITY TO THE GAS SUPPLY. By EDMUND J. JAMES, Ph. D. Out of print, sold only in the complete vol.
- No. 4. CO-OPERATION IN A WESTERN CITY. By ALBERT SHAW, Ph. D.
- No. 5. CO-OPERATION IN NEW ENGLAND. By EDWARD W. BEMIS, Ph. D.
- No. 6. RELATION OF THE STATE TO INDUSTRIAL ACTION. By PROF. HENRY C. ADAMS, Ph. D.

#### VOLUME II.—Bound, \$5; Unbound, \$4.

- No. 1. THREE PHASES OF CO-OPERATION IN THE WEST. By AMOS G. WARNER. *Price 75 Cents.*
- No. 2. HISTORICAL SKETCH OF THE FINANCES OF PENNSYLVANIA. By T. K. WORTHINGTON, A. B., with an Introduction by RICHARD T. ELY, Ph. D. *Price 75 Cents.*
- No. 3. THE RAILWAY QUESTION. By EDMUND J. JAMES, Ph. D. *Price 75 Cents.*
- No. 4. THE EARLY HISTORY OF THE ENGLISH WOOLEN INDUSTRY. By W. J. ASHLEY, M. A., *Price 75 Cents.*
- No. 5. TWO CHAPTERS ON THE MEDIÆVAL GUILDS OF ENGLAND. By EDWIN R. A. SELIGMAN, Ph. D. *Price 75 Cents.*
- No. 6. THE RELATION OF MODERN MUNICIPALITIES TO QUASI-PUBLIC WORKS. By H. C. ADAMS, GEORGE W. KNIGHT, DAVIS R. DEWEY, CHARLES MOORE, FRANK J. GOODNOW and ARTHUR YAGER. *Price 75 Cents.*

VOLUME III.—Bound, \$5; Unbound, \$4.

- No. 1. **THREE PAPERS READ AT MEETING IN BOSTON:** "Statistics in Colleges," by CARROLL D. WRIGHT; "Sociology and Political Economy," by F. H. GIDDINGS; "The Legal-Tender Decisions," by E. J. JAMES. *Price 75 Cents.*
- No. 2. **CAPITAL AND ITS EARNINGS.** By PROF. J. B. CLARK, Smith College. *Price 75 Cents.*
- No. 3 consists of three parts: "The Manual Laboring Class," by GEN. F. A. WALKER; "Mine Labor in the Hocking Valley," by E. W. BEMIS, Ph. D.; "Report of the Second Annual Meeting," by RICHARD T. ELY, Secretary. *Price 75 Cents.*
- Nos. 4 & 5. **STATISTICS AND ECONOMICS.** By RICHMOND MAYO SMITH, A. M., Columbia College. Out of print, sold only in the complete vol.
- No. 6. **THE STABILITY OF PRICES.** By SIMON N. PATTEN Ph. D., University of Pennsylvania. *Price 75 Cents.*

VOLUME IV.—Bound, \$5; Unbound, \$4.

- No. 1. **CONTRIBUTIONS TO THE WAGES QUESTION:** "The Theory of Wages," by STUART WOOD, Ph. D.; "Possibility of a Scientific Law of Wages," by J. B. CLARK, A. M. *Price 75 Cents.*
- No. 2. **SOCIALISM IN ENGLAND.** By SIDNEY WEBB, LL. B. *Price 75 Cents.*
- No. 3. **ROAD LEGISLATION FOR THE AMERICAN STATE.** By JEREMIAH W. JENKS, Ph. D. *Price 75 Cents.*
- No. 4. **REPORT OF THE PROCEEDINGS OF THE THIRD ANNUAL MEETING OF THE AMERICAN ECONOMIC ASSOCIATION,** by RICHARD T. ELY, Secretary; with addresses by DR. WILLIAM PEPPER and GEN. F. A. WALKER. *Price 75 Cents.*
- No. 5. **THREE PAPERS READ AT THIRD ANNUAL MEETING:** "Malthus and Ricardo," by S. N. PATTEN; "The Study of Statistics," by D. R. DEWEY, and "Analysis in Political Economy," by W. W. FOLWELL. *Price 75 Cents.*
- No. 6. **AN HONEST DOLLAR.** By President E. BENJAMIN ANDREWS, of Brown University. *Price 75 Cents.*

VOLUME V.—Subscription \$4.

- No. 1. **THE INDUSTRIAL TRANSITION IN JAPAN.** By YEIJIRO ONO, Ph. D. *Price \$1.00.*
- No. 2. **TWO PRIZE ESSAYS ON CHILD-LABOR:** I. By WILLIAM F. WILLOUGHBY, A. B.; II. By MISS CLARE DE GRAFFENREID. *Price 75 Cents.*

- No. 3 and 4. TWO PAPERS ON THE CANAL QUESTION:  
I. By EDMUND J. JAMES, Ph. D.; II. By LEWIS M.  
HAUPT, A. M., C. E. *Price* \$1.00.  
No. 5. HISTORY OF THE NEW YORK PROPERTY TAX.  
By JOHN CHRISTOPHER SCHWAR, A. M., Ph. D.  
*Price* \$1.00.

The Association will publish at least six numbers annually. Any person may become an annual member for \$3, or a life member for \$25 (after Jan. 1, 1891, \$50). Subscription, \$4 per volume.

For further information, address

RICHARD T. ELY, Secretary,  
*Johns Hopkins University, Baltimore, Md.*

---

These may be obtained from the following

**AGENTS FOR THE PUBLICATIONS OF THE ASSOCIATION.**

*New York,* GUSTAV E. STECHERT,  
828 Broadway.  
London, 30 Wellington Street, W. C.  
Leipzig, Hospital Street, 10.  
*Washington,* W. H. LOWDERMILE & Co., Corcoran Building.  
*Cincinnati,* ROBERT CLARK & Co., 61, 63 and 64 W. Fourth St.  
*Providence,* TIBBITS & PRESTON, 64 Westminster Street.  
*Baltimore,* JOHN MURPHY & Co. CUSHING & Co.  
*Chicago,* A. C. MCCLURG & Co.  
*Boston,* W. B. CLARKE & Co., 340 Washington Street.

[The Announcements at end of the book will prove interesting.]

## *Notes.*

---

## *Notes.*

---

*Notes.*

---

## *Notes.*

---



*Notes.*

---

# GUGGENHEIMER, WEIL & CO.

— ARE —

Y<sup>e</sup> PRINTERS TO

— Y<sup>e</sup> —

AMERICAN ECONOMIC ASSOCIATION.

All Ye who would have printing executed in Y<sup>e</sup> most approved fashion, will find their office fitted with all Y<sup>e</sup> modern improvements at Lombard and Liberty Streets, Baltimore.

At their well-known shop at 109 East Baltimore Street, Ye will find a most excellent assortment of Y<sup>e</sup> finest writing paper, whereon Ye may write to your wives and ladye-loves from Y<sup>e</sup> Nation's capital, and also Y<sup>e</sup> learned books whereby Ye may become known to fame.

# CUSHING & CO.

BOOKSELLERS AND  
STATIONERS, &c.

NO. 34 WEST BALTIMORE STREET,  
BALTIMORE, MD.

INVITE YOUR ATTENTION TO THEIR LARGE STOCK  
OF BOOKS ON

## POLITICAL ECONOMY

AND KINDRED SUBJECTS, INCLUDING THE WORKS  
OF

RICHARD T. ELY, Ph. D., and

FRANCIS A. WALKER, Ph. D., LL. D.

Also, PUBLICATIONS OF THE JOHNS HOPKINS UNIVERSITY.

---

*New Edition of Dr. Ely's Land, Labor and  
Taxation, reprinted from "The Independent,"  
and the following books by the same author.*

---

FRENCH AND GERMAN SOCIALISM IN MODERN TIMES.

LABOR MOVEMENT IN AMERICA.

TAXATION IN AMERICAN STATES AND CITIES.

PROBLEMS OF TO-DAY.      ···      POLITICAL ECONOMY.

SOCIAL ASPECTS OF CHRISTIANITY.

# IMPORTANT POLITICAL BOOKS.

## CONGRESSIONAL GOVERNMENT.

*A Study in American Politics. By Woodrow Wilson, Professor at Princeton. Sixth Edition. 16mo, \$1.25.*

We have no hesitation in saying that this is one of the most important books, dealing with political subjects, which have ever issued from the American press. We have often been asked by students of politics and by foreign visitors for some book which would explain the real working of our Government, and have been obliged to confess that there is none in existence. . . . This want Mr. Wilson has come forward to supply. His book is evidently modeled on Mr. Bagehot's English Constitution, and it will, though the praise is so high as to be almost extravagant, bear comparison with that inestimable work.—*New York Evening Post*,

## THE NATION.

*The Foundations of Civil Order and Political Life in the United States. By Ellsha Mulford, LL. D. 8vo, \$2.50.*

"It is the most valuable contribution to political philosophy which has been written in the English language in this generation."—JAMES B. ANGELL, *President of the University of Michigan*.

"I have read 'The Nation' from the first to the last with constant interest and sympathy. It is a most important contribution to our political literature, and cannot fail to strengthen and elevate our national life."—CHARLES SUMNER.

## ORIGIN AND GROWTH OF THE ENGLISH CONSTITUTION.

*An Historical Treatise in which is drawn out, by the Light of the most recent Researches, the Gradual Development of the English Constitutional System, and the growth out of that system of the Federal Republic of the United States. By Hannis Taylor. Second Edition. 8vo, \$4.50.*

The work is, in my judgment, a masterly, philosophical, and exhaustive treatment of the most important chapter of political history which the world has ever seen or is likely to see. It is a great and needed contribution to a subject which in different phases and parts of it has been elucidated by the writings of Hamilton, Jay, Madison, Marshall, Story and Cooley in its American deductions, and by Hallam, Stubbs and Macaulay in its earlier British history.—EDWARD J. PHELPS, *late Minister to England*.

*For Sale by all Booksellers.*

*Sent, post-paid, on receipt of price by the Publishers,*

HOUGHTON, MIFFLIN & CO., BOSTON,  
11 EAST 17TH STREET, NEW YORK.

## NEW EDITIONS

ARE NOW READY OF

### Prof. Richard T. Ely's Works.

#### PROBLEMS OF TO-DAY.

A discussion of Protective Tariffs, Taxation and Monopolies. 12mo, \$1.50.

*"No man in this country speaks with the same authority, or deserves more earnest attention."*

#### THE LABOR MOVEMENT IN AMERICA.

(Revised, with much new and valuable material added.) 12mo, \$1.50.

*"No one who wishes to understand the problems of labor and capital can afford to be without Professor Ely's works."*  
—*Rochester Chronicle.*

#### TAXATION IN AMERICAN STATES AND CITIES.

12mo, \$1.75.

A work of immense research, and presents in a masterly manner the whole complex subject of taxation, as well as the inconsistencies which prevail in parts of this country. The volume is made especially valuable by numerous and carefully compiled tables, showing the various methods of levying taxes and the comparative results in every State of the Union, and will appeal especially to tax-payers, lawyers, legislators, and all engaged in public affairs.

#### SOCIAL ASPECTS OF CHRISTIANITY.

New and enlarged edition. Containing Prof. Ely's recent address before the Brotherhood of St. Andrew and the Pittsburgh Convention of Y. P. S. C. E., on "The Social Crisis and the Church's Opportunity." 12mo, 90 cents.

Prof. Ely has no respect for shams; he shows what Christian Socialism is, and how wide the gulf is between the professed Christianity of many churches and the Christianity of the Gospel.

### T. Y. CROWELL & CO.

46 East 14th Street,

New York.

# *The State. Elements of Historical and Practical Politics.*

By Woodrow Wilson, Author of *Congressional Government*. Cloth. 700 pages. Price by mail, \$2.00.

## Table of Contents.

The Probable Origin of Government.	The Ends of Government.
The Governments of Greece and Rome.	The Probable Early Development of Government.
Teutonic Polity and Government during the Middle Ages.	Roman Dominion and Roman Law.
The Governments of Switzerland.	The Governments of France.
The Government of England.	The Governments of Germany.
The Government of the United States.	Dual Monarchies;—Austria, Hungary, Sweden-Norway.
Nature and Forms of Government.	Summary:—Constitutional and Administrative Developments.
Law; Its Nature and Development.	The Functions of Government.
	Index.

The chapter on the Government of the United States is issued separately, under the title, "State and Federal Governments." Cloth. 130 pages. Price by mail, 65 cents.

## *Old South Leaflets.*

### *Reprints of Important Historical Documents, etc.*

No. 1. The Constitution of the United States. 2. The Articles of Confederation. 3. The Declaration of Independence. 3. Washington's Farewell Address. 5. Magna Charta. 6. Vane's "Healing Question." 7. Charter of Massachusetts Bay, 1629. 8. Fundamental Orders of Connecticut, 1638. 9. Franklin's Plan of Union, 1754. 10. Washington's Inaugurals. 11. Lincoln's Inaugurals and Emancipation Proclamation. 12. The Federalist, Nos. 1 and 2. 13. The Ordinance of 1787. 14. The Constitution of Ohio.\* 15. Washington's Circular Letter to the Governors of the States, 1783. 16. Washington's Letter to Benjamin Harrison, 1784. 17. Verazzano's Voyage, 1524. 18. Swiss Constitution.\* 19. The Bill of Rights, 1689. 20. Coronados Letter to Mendoza, 1540. 21. Elliot's Brief Narrative, 1670. 22. Wheelock's Narrative, 1692. Price, five cents per copy; one hundred copies, \$3.

\*Double number, price, six cents.

### IN PREPARATION.

Gide's Principles of Political Economy, (translated from the French).  
Dole's The American Citizen.

Sent by mail, postpaid, on receipt of price.

D. C. HEATH & CO., PUBLISHERS,  
BOSTON, NEW YORK AND CHICAGO.

## **PRES. WALKER'S POLITICAL ECONOMY.**

### **I. ADVANCED COURSE.** Third Edition, Revised and Enlarged. Teachers' price, \$2.00; by mail, \$2.21.

Prof. J. K. INGRAM in the *Encyclopædia Britannica*, Ninth Edition: "The best brief exposition of political economy, substantially in accordance with Mill's treatise, is to be found in Fawcett's Manual. But those who admit in part the claims of the new school will prefer Mr. and Mrs. Marshall's 'Economics of Industry.' Better in some respects than either of these is the 'Political Economy' of the American professor, Francis A. Walker."

RICHARD T. ELY, Professor in the Johns Hopkins University, Md.: "There are few good text-books of political economy, but for the English-speaking student the writer would recommend Francis A. Walker's Political Economy."

### **II. BRIEFER COURSE.** Teachers' price, \$1.50; by mail, \$1.53.

GEORGE B. NEWCOMB, Professor in the College of the City of New York: "Since the publication of the smaller work it has been used in my classes, and has proved for them a genuine introduction to the science of political economy; the author always succeeding in carrying the student into the heart of the issue, even when not carrying him fully along with his own conclusions."

### **III. ELEMENTARY COURSE.** Teachers' price, \$1.00; by mail, \$1.10.

SIMON N. PATTEN, University of Pa.: "To my mind a piece of work not surpassed by any other like contribution to economic science—not even by Mill himself."

H. S. TOXWELL, St. John's College, Cambridge, Eng.: "For beginners . . . and busy men . . . the best general presentation of economic science known to me."

## **PROBLEMS IN POLITICAL ECONOMY.**

By WILLIAM G. SUMNER, Professor in Yale College. Interleaved, 16mo.  
Teachers' price, \$1.00; by mail, \$1.06.

These problems are intended to bring forward the subject which should be studied supplementary to an elementary text-book, and to guide the student to an investigation of them with the aid of the teacher and by the use of the leading treatises on the science.

## **JAMES'S PSYCHOLOGY.**

By WILLIAM JAMES, Professor in Harvard University. 2 vols., 8vo.  
Teachers' price, \$4.50; by mail, \$5.35.

Prof. JOHN DEWEY, University of Michigan: "The book is such a remarkable union of wide learning, originality of treatment, and above all, of never-failing suggestions, that testimonials of an ordinary kind would be mere impertinence. Suffice it to say that the book is to me the best treatment of the whole matter of advanced psychology. It does more to put psychology in scientific position, both as to the statement of established results and a stimulating to further problems and their treatment, than any other book of which I know. We shall make it the basis of study with our advanced undergraduates, and our graduate students."

## **BALDWIN'S PSYCHOLOGY.**

**SENSES AND INTELLECT.** By J. MARK BALDWIN, Professor in the University of Toronto, 8vo. Teachers' price, \$1.50; by mail, \$1.60.

Used in Johns Hopkins University, Universities of Va. and S. C., Lake Forest University, University of Toronto, etc.

Prof. SCHURMAN, of Cornell University: "In my opinion, Baldwin's Psychology is the best book of its size in the language."

THE NATION concludes its review thus: "Taken as a whole it is about the best we know."

**HENRY HOLT & CO., Publishers, New York.**

== THE WORKS OF ==  
**PROFESSOR SIMON N. PATTEN, PH.D.**  
OF THE UNIVERSITY OF PENNSYLVANIA.

Dr. Simon N. Patten is one of the few original thinkers of this generation. His work shows at every point a keenness and insight which is characteristic only of minds of the first order. His contributions to Economics have not been numerous or bulky; but they have the rarer quality of marking real advances in the science. Besides a number of monographs, published in the series of the American Economic Association, and the series for Political Economy and Public Law in the University of Pennsylvania, Dr. Patten is the author of two works, noticed below, which have attracted marked attention from the best authorities in the field of economics. He has also contributed numerous articles to our reviews, notably to the "Political Science Quarterly," "The Quarterly Journal of Economics," and the "Annals of the American Academy of Political and Social Science."

**THE PREMISES OF POLITICAL ECONOMY.**

12mo, Cloth, Price, \$1.50.

**Testimonials:**

*From the Chicago Inter-Ocean:*

"A modest, but powerful treatise. In its line, it is one of the marked books of the season, and to the student of the deep and vital questions of economics it must be highly valuable."

*From the New York Independent.*

"The best thing in the book is an important objection to the law of ground-rents as stated by Ricardo. . . . By following this analysis out completely, we see how Carey and Ricardo each seized upon a half-truth; the two being apparently, but not really, inconsistent with one another. This is admirable, and shows our author at his best. His theory of the 'limited return' from land is almost as good."

*From the Boston Beacon.*

"Clergymen, students of society, men and women of the world, whoever has a heart and any interest in the dismal science of wealth, should not fail to read Patten's 'Premises of Political Economy.'"

**THE ECONOMIC BASIS OF PROTECTION.**

12mo, Cloth, Price \$1.00.

**Testimonials:**

*From the Atlantic Monthly.*

"A temperate, thoughtful little book."

*From the Boston Traveller.*

"Prof. Patten in his exceedingly able little volume meets theory with theory and attacks the free-trader on his own ground."

*From the Chicago Times.*

"Prof. Patten's book is worth reading for both its style and matter."

*From "The Week," Toronto, Can.*

"This book is a valuable addition to the library of Political Economy whether one agrees with its conclusions or not."

*From the Indianapolis Journal.*

"An able presentation of the tariff question."

For sale by all Booksellers, or will be sent free of expense, by the Publishers, on receipt of price.

**J. B. LIPPINCOTT COMPANY,**

715 AND 717 MARKET ST., PHILADELPHIA.



## IMPORTANT POLITICAL WORKS.

- International Law.**—Outlines of International Law, with an Account of its Origin and Sources, and of its Historical Development. By George B. Davis, U.S.A., Assistant Professor of Law at the United States Military Academy. Crown 8vo, cloth, \$2.00.
- Constitutional History.**—Constitutional History of the United States, from their Declaration of Independence to the Close of their Civil War. By George Ticknor Curtis. To be completed in two volumes. Vol. I. now ready. 8vo, cloth, uncut edges and gilt top, \$3.00.
- The Railways and the Republic.**—By James F. Hudson. 8vo, cloth, \$2.00.
- Thayer's Kansas Crusade.**—A History of the Kansas Crusade: Its Friends and its Foes. By Eli Thayer. With an Introduction by the Rev. Edward Everett Hale. 12mo, cloth, \$1.50.
- Martin Van Buren.**—Martin Van Buren to the End of His Public Career. By George Bancroft. Crown 8vo, cloth, uncut edges and gilt top, \$1.50.
- The Political Problem.** By Albert Stickney, author of "Democratic Government," "A True Republic," etc. Post 8vo, cloth, \$1.00.
- The South and West.**—Studies in the South and West, with Comments on Canada. By Charles Dudley Warner, author of "A Little Journey in the World," etc. Post 8vo, half leather, gilt top, uncut edges, \$1.75.
- French and German Socialism.**—French and German Socialism in Modern Times. By Richard T. Ely, Ph.D., Associate Professor of Political Economy in Johns Hopkins University, Baltimore, and Lecturer on Political Economy in Cornell University, Ithaca, N. Y. 16mo, cloth, 75 cents. 12mo, paper, 25 cents.
- Political Economy.**  
**Principles of Political Economy.** By Simon Newcomb, Ph.D., LL.D. With a Summary to Facilitate a Critical Examination of the Principles, and an Index. 8vo, cloth, \$2.50.
- Some Leading Principles of Political Economy Newly Expounded.** By J. E. Cairnes, LL.D., late Emeritus Professor of Political Economy in University College, London. Crown 8vo, cloth, \$2.50.
- The Character and Logical Method of Political Economy.** By J. E. Cairnes, LL.D. 12mo, cloth, \$1.50.

PUBLISHED BY

**HARPER & BROTHERS, NEW YORK.**

*The above works are for sale by all booksellers, or will be sent by the publishers, postage prepaid, to any part of the United States, Canada or Mexico, on receipt of price.*

## MACMILLAN & CO'S NEW BOOKS ON ECONOMICS.

PROF. ALFRED MARSHALL'S NEW BOOK.

### PRINCIPLES OF ECONOMICS.

By ALFRED MARSHALL, M. A., Professor of Political Economy in the University of Cambridge; Fellow of St. John's College, Cambridge. Vol. I., 8vo. \$4.00.

"The present work abundantly justifies the high reputation of its author. . . . It exhibits a profound and extensive acquaintance with the general course of economic speculation, not only in England but in Europe and the United States.—*Times*.

### THE CONFLICTS OF CAPITAL AND LABOR.

HISTORICALLY AND ECONOMICALLY CONSIDERED.

Being a History and Review of the Trade Unions of Great Britain, showing their Origin, Progress, Constitution and Objects in their varied Political, Social, Economical and Industrial Aspects. By GEORGE HOWELL, M. P., Author of the "Handy Book of the Labor Laws," etc. 12mo. \$2.50.

### CAPITAL AND INTEREST.

A Critical History of Economical Theory. By EUGEN V. BÖHM-BAWENK, Professor of Political Economy in the University of Innsbruck. Translated, with a Preface and Analysis, by WILLIAM SMART, Lecturer on Political Economy in Queen Margaret College, Glasgow. 8vo. \$4.00.

"The discussion is masterly. . . . Of the two subjects which the double title covers, the nature of capitalization in general and the determination of interest in the *regime* of competition, it is difficult to say of which the treatment is more original and profound.—*Academy*.

### INDIVIDUALISM: A SYSTEM OF POLITICS.

By WORDSWORTH DONISTHORPE, Barrister-at-Law, author of "Principles of Plutology," etc. 8vo, \$4.00.

"The work is boldly and strongly written. . . . A vigorous and original contribution to the most momentous problems of our age."—*Chicago Times*.

"A strong book on political economy."—*Critic*.

### A HISTORY OF POLITICAL ECONOMY.

By JOHN KELLS INGRAM, LL. D., Fellow of Trinity College, Dublin. With a preface by Prof. E. J. JAMES, Ph. D., University of Pennsylvania. 8vo, \$1.50.

MR. BRYCE'S GREAT WORK ON THE AMERICAN COMMONWEALTH.

### THE AMERICAN COMMONWEALTH.

By JAMES BRYCE, D.C.L., M. P. New and Revised Edition. 2 vols., large 12mo., \$6.00.

"It cannot be too widely known that the second (revised) edition of Mr. Bryce's 'American Commonwealth' is now deliverable. Marks of the indefatigable author's retouching are everywhere visible. . . . A work destined to maintain a living hold on our institutions of learning, and to shape the political thinking of the rising generation."—*Evening Post*.

MACMILLAN & CO., 112 Fourth Avenue, New York.

# COLUMBIA COLLEGE IN THE CITY OF NEW YORK.

## SCHOOL OF POLITICAL SCIENCE.

SETH LOW, LL.D., President. J. W. BURGESS, LL.D., Prof. of Constitutional and International History and Law. RICHMOND M. SMITH, Ph.D., Prof. of Political Economy. MURKIN SMITH, J.U.D., (Adj.) Prof. of Roman Law and Comparative Jurisprudence. F. J. GOODNOW, LL.B., (Adj.) Prof. of Administrative Law. E. R. A. SELIGMAN, Ph.D., (Adj.) Prof. of Political Economy. H. L. OSGOOD, Ph.D., (Adj.) Prof. of History. WM. A. DOWLING, Ph.D., Lecturer on Political Philosophy. FREDERICK W. WHITEHEAD, LL.B., Lecturer on the History of New York. A. C. BARNHIM, Ph.D., Lecturer on City and State Politics. FREDERIC BANCROFT, Ph.D., Lecturer on Diplomacy. CHARLES E. SPAHR, Ph.D., Lecturer on Taxation.

### COURSES OF LECTURES.

	Hours per week, per half-year.
<b>I. HISTORY.</b>	
1. Outlines of Mediæval History (undergraduate course) . . . . .	2
2. Outlines of Modern History (undergraduate course) . . . . .	2
3. European History since 1815 (undergraduate course) . . . . .	2
4. Political and Constitutional History of Europe . . . . .	4
5. Political and Constitutional History of England to 1688 . . . . .	2
6. Political and Constitutional History of England since 1688 . . . . .	2
7. Political and Constitutional History of the United States . . . . .	4
8. Political History of N. Y. State . . . . .	2
9. History of the Relations between England and Ireland . . . . .	2
10. Historical and Political Geography; 11. Seminarium in History, each . . . . .	2
<b>II. POLITICAL ECONOMY.</b>	
1. Elements of Political Economy (undergraduate course) . . . . .	2
2. Historical and Practical Political Economy; 3. Taxation and Finance; each . . . . .	4
4. Communism and Socialism; 5. Statistics: Methods and Results, each . . . . .	4
6. History of Economic Theories, 3 h.; 7. Financial History of the United States . . . . .	4
8. Tariff History of the United States, 2 h.; 9. Railroad Problems . . . . .	3
10. Local Taxation; 11. Ethnology; 12. Seminarium in Political Economy, each . . . . .	2
13. Advanced Seminarium in Public Finance . . . . .	2
<b>III. CONSTITUTIONAL AND ADMINISTRATIVE LAW.</b>	
1. Comparative Constitutional Law of Europe and the United States . . . . .	3
2. Comparative Constitutional Law of the Commonwealths of the United States . . . . .	3
3. Administrative Organization and the Civil Service of Europe and the United States . . . . .	3
4. Administrative Action: Finance and Taxation, the Police Power, Education, Public Charity, Transportation, etc. . . . .	3
5. Local Government; 6. Municipal Government, each . . . . .	2
7. City and State Politics . . . . .	1
8. Seminarium in Constitutional and Administrative Law . . . . .	2
<b>IV. DIPLOMACY AND INTERNATIONAL LAW.</b>	
1. General History of Diplomacy . . . . .	2
2. Principles of International Law . . . . .	2
3. Seminarium in International Law . . . . .	2
<b>V. ROMAN LAW AND COMPARATIVE JURISPRUDENCE.</b>	
1. History of Roman Law, to Justinian . . . . .	3
2. History of European Law, since Justinian . . . . .	3
3. Comparative Jurisprudence: General Principles . . . . .	3
4. Comparative Jurisprudence: Special Relations . . . . .	9
5. International Private Law . . . . .	2
6. Seminarium in Comparative Legislation . . . . .	2
<b>VI. POLITICAL PHILOSOPHY.</b>	
1. History of Political Theories, ancient and mediæval . . . . .	3
2. History of Political Theories, modern . . . . .	3
3. Seminarium in Political Theories of the XIV Century . . . . .	2

The course of study covers three years. The degree of A.B. or Ph.D. is conferred at the end of the first year; A.M. at the end of the second; and Ph.D. at the end of the third. Any person not a candidate for a degree may attend any of the courses at any time by payment of a proportional fee. Four fellowships of \$250 each and one prize of \$150 are awarded annually to members of the school. Three prize lectureships of \$500 each for three years are open to competition of graduates. For further information address the SECRETARY.

# THE ARLINGTON

WASHINGTON, D. C.

---

THE LEADING HOTEL OF WASHINGTON.

---

T. E. ROESSLE, PROPRIETOR.

---

∴ ∴ ∴ HEADQUARTERS OF THE ∴ ∴ ∴

AMERICAN ECONOMIC  
ASSOCIATION.